



Connecting A Changing World



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PRODUCT CATALOG

**2017**

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**INTERSTATE PNEUMATICS**, manufacturer of professional grade quality pneumatic air fittings and other pneumatic related products is dedicated in serving the industrial hardware stores, construction supply houses, automotive distributors, tool stores, tool repair stores, and various OEMs with quality products and value.

We strive to:

- ▶ Become our customer's first choice for quality products by meeting or exceeding their expectations.
- ▶ Present exceptional product value by offering quality products, fair pricing, superb fill rates, on-time delivery while providing the best customer services and constantly improving product quality.
- ▶ Operate with integrity to achieve our mission in an ethical manner while continually improving our performance.

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## COUPLERS

INTERSTATE	AMFLO	ARO	CAMEL	COILHOSE	FOSTER	HANSEN	MILTON	PARKER	SCHRADER	TRU-FLATE
CA440B	C2B	TFCF22	61-523	160*	TF3003	B21QS-25F	785	B13	3504	13-134
CA441B	C1B	TFCM22	61-524	162*	TF3103	B21QS-25M	786	B12	2503	13-124
CA443B	C2-42B		61-522	163*	TF3603	B21QS-25H	786-4	B10-3B		
CA445B	C2-42L*			163L*	TF1513	B21QS-25HP	1786-4	B103BP		
CA460B	C2-23B			161*	TF3203	B21QS-37F		B13-E		
CA461B	C1-03B			165*	TF3303	B21QS-27M		B12-E		
CA463B	C2-44B	TFCH23	61-525	166*	TF3703	B21QS-37H	485-6	B10-5B		
CA465B	C2-44L*			166L*	TF1713	B21DS-37HP	1765-6	B10-5BP		
CA640	C8		61-476	592	TF4004		1803	15C	3521	13-610
CA641	C7		61-478	593	TF4104			14C	3516	13-602
CA660	C6		61-553	590	TF4204		1805	15	3515	13-612
CA661	C5		61-554	591	TF4304		1806	14		13-604
CA663	C6-44			598	TF4804		1806-6	14-5B		
CA665	C6-44L			598L	TF1714		1746-6	14-5BP		
CG440B	C60*			150U		23AS-25F		UC304F-4		
CG441B	C61*			152U		23AS-25M		UC304M-4		
CH440B	C20B	23102-220	61-573	150	3003*	B22QS-25F	715	B23	5142-12	13-234
CH441B	C21B	23102-212	61-574	152	3103*	B22QS-25M	716	B22	5141-12	13-224
CH443B	C20-42B	23102-22	61-575	153	3603*	B22QS-25H	717	B20-3B		
CH445B	C20-42L*			153L	1513*	B22QS-25HP	1717-4	B20-3BP		
CH460B	C20-23B	23102-3	61-103	151	3203*	B22QS-37F	718	B23E	5363-12	
CH461B	C21-03B	23102-213	61-101	155	3303*	B22QS-97M	719	B22E	5140-12	
CH463B	C20-44B			156	3703*	B22QS-37H	717-5	820-5B		
CH465B	C20-44L*			156L	1713*	B22QS-37HP	1717-6*	B20-5BP		
CH640	C26-22	23103-002	61-112	582	4004*	400	1833	25C		
CH641	C25-02	23102-210	61-110	583	4104*	410		24C		
CH660	C26	23103-300	61-482	580	4204*	420	1835	25	3541	13-356
CH661	C25	23103-313	61-483	581	4304*	430	1836	24		13-526
CH663	C26-44	23103-324		586	4804*	4006	1836-6	24-5B		
CH665	C26-44L				1714*	520	1795-6	24-5BP		
CH880	C10		61-563	120	5205*	530	1815	17	3512	13-712
CH881	C9	23104-014	61-564	121	5303*		1816	16	3511	13-704
CL440B	C28*		61-548	170	LN3003*		790*	B73		13-434
CL441B	C27*		61-486	172	LN3103*			B72		13-424
CNV440B	CST4B		61-306					BST-2		
C0440B	C38B	210	61-526	140	210-3003*	20AS-25F	775*	B53	3526	13-334
C0441B	C37B		61-527	142	210-3103*	20AS-25M		B52	3525	13-324

\* Indicates coupler is not for all brass construction

## PLUGS

CPA440	CP2	TFFP22	61-539	1602	TF11	21AP-25F	764	3C	3507	12-134
CPA441	CP1	TFFM22	61-538	1601	TF10	21AP-25M	783	2C	3506	12-124
CPA443	CP1-42	THPH22	61-540	1606	TF16	21AP-25H	783-4	8C		12-164
CPA445	CP1-42L			1606L	TF51		1783-4	8CP		
CPA460	CP2-23	TFFP23	61-150	1605	TF15	21AP-37F		3C-E		
CPA461	CP1-03	TFPH23	61-541	1603	TF14	21AP-37M		2C-E		
CPA463	CP1-44			1608	TF17	21AP-97H	783-6	9C		
CPA465	CP1-44L		61-481	1608L	TF71		1783-6	9CP		
CPA640	CP8		61-541	5904	TF41		1810	1E	3520	12-610
CPA641	CP7		61-559	5903	TF40		1809	0E	3519	12-602
CPA660	CP6		61-558	5902	TF43		1808	3E	3518	12-612
CPA680	CP6-24									
CPA661	CP5			5901	TF42		1807	2E	3517	12-604
CPA563	CP5-44			5906	TF48		1807-6	5E		
CPA665	CP5-44L			5906L			1747-6	5EP		
CPH440	CP20	23902-200	61-579	1502	11-3	11	728	H3C	5139-11	12-234
CPH441	CP21	23902-210	61-578	1501	10-3	10	727	H2C	5138-11	12-224
CPH443	CP21-42	23902-220		1506	16-3	16	736	H8C		12-225
CPH445	CP21-42L			1506L	51-3		1735-4	H8CP		
CPH460	CP20-23	23902-3	61-107	1505	15-3	15	732	H3C-E	5263-11	
CPH461	CP21-03	23902-310	61-535	1503	14-3	14	733	H2C-E		
CPH463	CP21-44			1508	17-3	17	736-6	H9C		
CPH465	CP21-44L			1508L	71-3		1736-6	H9CP		
CPH640	CP26-22	23903-002	61-119	5804	41-3	41	1840	H1E		
CPH641	CP25-02	23902-210	61-117	5803	40-4	40	1839	H0E		
CPH660	CP26	23903-300	61-485	5802	43-4	43	1838	H3E	3543	12-536
CPH661	CP25	23903-310	61-484	5801	42-4	42	1837	H2E	3542	12-526
CPH663	CP25-44	23903-420		5806	48-4	406	1837-6	H5E		
CPH665	CP25-44L			5806L	71-4		1797-6	H5EP		
CPH880	CP18	23904-400	61-137	1202	55-5	55	1858	H3F		12-762
CPH881	CP17	23904-410	31-134	1201	54-5	54	1857	H2F		12-752
CPL440	CP28	LNPF22	61-551	1702	LN11		792	L3C	3532	12-434
CPL441	CPA27	LNPM22	61-550	1701	LN10		791	L2C	3531	12-424
CPNV440	CPST4		61-307					ST-N2		
CP0440	CP38	2609	61-529	1402	210-11	20AP-25F	778	A3C	3530	12-334
CP0441	CP37	2608	61-528	1401	210-10	20AP-25M	777	A2C	3529	12-324

## STANDARD SLEEVE QUICK DISCONNECT COUPLERS

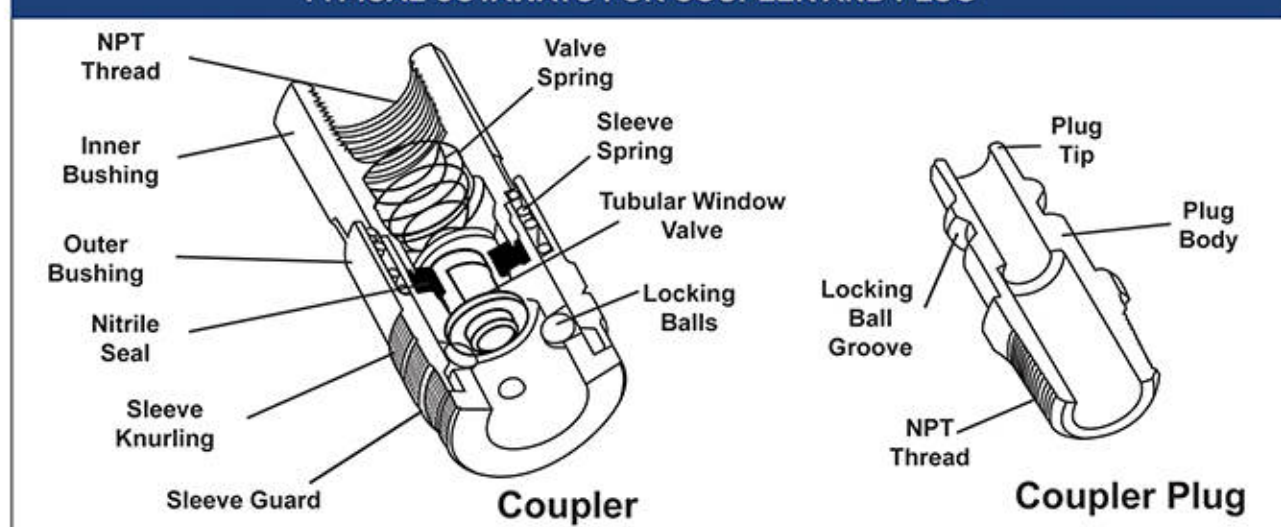
**COUPLER DESIGN:** Sleeve couplers are most reliable means of joining pneumatic and fluid transfer lines. They have a compact design which uses a ball locking mechanism consisting of captive steel balls that engage the locking groove on the mating plug. The sliding spring loaded sleeve on the coupler must be manually retracted in order to connect or disconnect the plug.

**INTERCHANGEABILITY:** Sleeve couplers are manufactured to insure interchangeability with other manufacturers couplers and plugs (see comparison charts on page 5). The following standard interchanges are available: Industrial interchange (Hansen®) series, Automotive (Tru-Flate®) series, ARO® series, Lincoln® series, Diamond-U®, and the Straight through (No-valve) series.

**VARIABLE SIZES:** Available body sizes range from 1/4" through 1/2". The 1/4" couplers are machined from steel or brass bar stock. The 3/8" and 1/2" couplers are machined from steel bar stock. End terminations are available in both male and female pipe threads, standard and easy-lock hose barb connections. Usually for 1/4", 3/8" and 1/2" couplers each have 4, 6 and 8 locking balls respectively. The model number ending in letter "B" feature Brass construction while others are made of Steel.

## FEATURES:

## TYPICAL CUTAWAYS FOR COUPLER AND PLUG



- 1) Plugs are plated steel with hardened wear points. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications.
  - 2) The tubular valve design with large window flow passages delivers high flow with minimal pressure drop. This valve design provides 360 degree support to both the valve seal and the mating nipple.
  - 3) Seals, molded from Buna-N (Nitrile), form a "Bubble Tight" seal for reliable operation within rated working pressure.
  - 4) The locking ball mechanism is a proven design with hardened steel balls for long wear, and accurate alignment of coupler and plug. The 1/4" couplers have 4 locking balls, 3/8" and 1/2" couplers have 8 locking balls evenly spaced to distribute the load and reduce wear.
  - 5) The sleeve guard is machined into the body to protect the sleeve and resist accidental disconnects.
  - 6) The sleeve knurling and grooves provide a gripping surface for ease of operation.
  - 7) The low tolerance machining of locking ball cage allows the precise placement of locking balls inside the groove of plug.
- Quick Disconnect Couplers and Plugs are the fastest, easiest, and most reliable means of connecting air and low pressure fluid lines.

Common applications include: compressed air, water, grease, paint, limited vacuum and limited compressed gas applications.

**WARNING:** The quick disconnect couplers and plugs in this catalog are intended for use on compressed air and fluid transfer lines and have a maximum working pressure of 300 PSI.



**1/4" BRASS & STEEL BODY INDUSTRIAL INTERCHANGE (HANSEN®) COUPLERS & PLUGS**

Interstate Pneumatics Industrial Interchange series Quick Disconnect Couplers and Plugs are manufactured to conform with MIL-C41 09 and ANSI/NFPA T3.20.1 4-1990 requirements, and are interchangeable with Industrial Interchange Couplers and Plugs produced by other manufacturers. Precision machined construction provides resistance to the effects of mechanical shock in rugged applications. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Yellow Zinc plated	Brass/Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with the thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CH420B</b> Brass	1/8"		<b>CH421B</b> Brass	1/8"
	<b>CH440B</b> Brass	1/4"		<b>CH441B</b> Brass	1/4"
	<b>CH440BS</b> Narrow profile 6 bearing design Brass	1/4"		<b>CH441BS</b> Narrow profile 6 bearing design Brass	1/4"
	<b>CH460B</b> Brass	3/8"		<b>CH461B</b> Brass	3/8"
	<b>CH440</b> Steel	1/4"		<b>CH441</b> Steel	1/4"
	<b>CH440A</b> Body: Aluminum Sleeve: Plastic	1/4"		<b>CH441A</b> Body: Aluminum Sleeve: Plastic	1/4"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CH443B</b> Brass	1/4"		<b>CH445B</b> Brass	1/4"
	<b>CH463B</b> Brass	3/8"		<b>CH465B</b> Brass	3/8"
				<b>CH465</b> Steel	3/8"

All of the coupler plugs pictured on the next page have the same body plug size and configuration, designed to precision fit all of the above couplers. The 1/4" body size Industrial Interchange series Coupler Plugs can be used with the **Interstate Pneumatic Universal Couplers**.



### 1/4" BRASS & STEEL BODY YELLOW ZINC PLATED INDUSTRIAL INTERCHANGE (HANSEN®) COUPLER PLUGS

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH420</b> Steel	1/8"		<b>CPH421</b> Steel	1/8"
	<b>CPH440</b> Steel	1/4"		<b>CPH441</b> Steel	1/4"
	<b>CPH440B</b> Brass	1/4"		<b>CPH441B</b> Brass	1/4"
	<b>CPH460</b> Steel	3/8"		<b>CPH461</b> Steel	3/8"

END FITTING (EASY-LOCK)	MODEL	BARB SIZE	END FITTING (BARB)	MODEL	BARB SIZE
	<b>CPH445</b> Steel	1/4"		<b>CPH443</b> Steel	1/4"
	<b>CPH465</b> Steel	3/8"		<b>CPH463</b> Steel	3/8"

SWIVEL PLUGS	MODEL	NPT SIZE
	<b>CPHS441</b> Steel	1/4" MPT
	<b>CPHS461</b> Steel	3/8" MPT

**3/8" BODY STEEL INDUSTRIAL INTERCHANGE (HANSEN®) COUPLERS & PLUGS**

Interstate Pneumatic industrial interchange series quick disconnect couplers and plugs are manufactured to conform with MIL-C4109 and ANSI(NFPA) T3.20.14-1990 requirements, and are interchangeable with industrial interchange couplers and plugs produced by other manufacturers. These couplers are identified by 2 narrow grooves on sleeve. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Yellow Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CH640</b> Steel	1/4"		<b>CH641</b> Steel	1/4"
	<b>CH660</b> Steel	3/8"		<b>CH661</b> Steel	3/8"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CH663</b> Steel	3/8"		<b>CH665</b> Steel	3/8"

All of the coupler plugs pictured below have the same body size and configuration, designed to precision fit all of the above couplers.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH640</b> Steel	1/4"		<b>CPH641</b> Steel	1/4"
	<b>CPH660</b> Steel	3/8"		<b>CPH661</b> Steel	3/8"
	<b>CPH680</b> Steel	1/2"		<b>CPH681</b> Steel	1/2"
END FITTING (BARB)	MODEL	BARB SIZE	SWIVEL PLUGS	MODEL	NPT SIZE
	<b>CPH663</b> Steel	3/8"		<b>CPHS641</b> Steel	1/4" MPT
END FITTING (EASY-LOCK)	MODEL	BARB SIZE		<b>CPHS661</b> Steel	3/8" MPT
	<b>CPH665</b> Steel	3/8"			



## 1/4" BODY BRASS & STEEL BLACK PLATED OR "Z" FOR SILVER ZINC AUTOMOTIVE STANDARD (TRU-FLATE) COUPLERS & PLUGS

Interstate Pneumatics Automotive Standard series Quick Disconnect Couplers and Plugs are interchangeable with the Automotive Standard series Couplers and Plugs produced by other manufacturers. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications. Usually for this series Brass Couplers are identified having 1 wide groove whereas steel having 1 wide & 1 narrow groove on sleeve. Maximum working pressure 300 PSI.

### SALIENT FEATURES:

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Black Zinc plated	Brass/Steel Black Zinc plated	Steel Hardened & Black Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CA440B</b> Brass	1/4"		<b>CA441B</b> Brass	1/4"
	<b>CA460B</b> Brass	3/8"		<b>CA461B</b> Brass	3/8"
	<b>CA440</b> Steel	1/4"		<b>CA441</b> Steel	1/4"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CA443B</b> Brass	1/4"		<b>CA445B</b> Brass	1/4"
	<b>CA463B</b> Brass	3/8"		<b>CA465B</b> Brass	3/8"

All of the coupler plugs pictured below have the same body plug size and configuration, designed to precision fit all of the above couplers. The 1/4" body size Automotive Standard series Coupler Plugs can be used with the Interstate Pneumatics Universal Couplers shown on page 15 of this catalog.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPA440</b> Steel (Black)	1/4"		<b>CPA441</b> Steel (Black)	1/4"
	<b>CPA440Z</b> Steel	1/4"		<b>CPA441Z</b> Steel	1/4"
	<b>CPA460</b> Steel	3/8"		<b>CPA461</b> Steel	3/8"



## BLACK PLATED OR "Z" FOR SILVER ZINC

END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CPA443</b> Steel	1/4"		<b>CPA445</b> Steel	1/4"
	<b>CPA463</b> Steel	3/8"		<b>CPA465</b> Steel	3/8"

## 1/4" &amp; 3/8" BODY STEEL AUTOMOTIVE SERIES SWIVEL PLUGS

1/4" BODY SWIVEL PLUG	MODEL	NPT SIZE	1/4" BODY SWIVEL PLUG	MODEL	NPT SIZE
	<b>CPAS441</b>	1/4" MPT		<b>CPAS461</b>	3/8" MPT
3/8" BODY SWIVEL PLUG	MODEL	NPT SIZE			
	<b>CPAS641</b>	1/4" MPT			

## 1/4" &amp; 3/8" BODY AUTOMOTIVE COUPLER &amp; PLUG KITS

	MODEL	DESCRIPTION
	<b>CKA4</b>	1/4" Automotive Coupler & Plug (Installed CPA441 & CA440)
	<b>CKA6</b>	3/8" Automotive Coupler & Plug (Installed CPA641 & CA640)

## 1/4" &amp; 3/8" BODY INDUSTRIAL COUPLER &amp; PLUG KITS

	MODEL	DESCRIPTION
	<b>CKH4</b>	1/4" Industrial Coupler & Plug (Installed CPH441 & CH440)
	<b>CKH6</b>	3/8" Industrial Coupler & Plug (Installed CPH641 & CH640)

**3/8" STEEL BLACK PLATED AUTOMOTIVE COUPLERS & PLUGS**

**Interstate Pneumatics** Automotive Standard series Quick Disconnect Couplers and Plugs are interchangeable with Automotive and Industrial Standard series couplers and plugs produced by other manufacturers. These couplers are identified by 1 wide groove on sleeve regardless of end fitting. Almost all couplers & plugs in this series are machined from steel. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Black plated	Steel Black plated	Steel Hardened & Black plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	65 - 67	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CA640</b> Steel	1/4"		<b>CA641</b> Steel	1/4"
	<b>CA660</b> Steel	3/8"		<b>CA661</b> Steel	3/8"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CA663</b> Steel	3/8"		<b>CA665</b> Steel	3/8"

All of the coupler plugs pictured below have the same body size and designed to precision fit all of the above couplers. **Interstate Pneumatics** Automotive series Quick Disconnect Couplers are interchangeable with both Automotive and Industrial Plugs.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPA640</b> Steel	1/4"		<b>CPA641</b> Steel	1/4"
	<b>CPA660</b> Steel	3/8"		<b>CPA661</b> Steel	3/8"
	<b>CPA680</b> Steel	1/2"		<b>CPA681</b> Steel	1/2"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CPA643</b> Steel	1/4"		<b>CPA665</b> Steel	3/8"
	<b>CPA663</b> Steel	3/8"	<b>SWIVEL PLUGS</b>	<b>MODEL</b>	<b>NPT SIZE</b>
				<b>CPAS641</b>	1/4" MPT

**3/8" BLACK PLATED STEEL BODY AUTOMOTIVE COUPLER PLUGS**











Interstate Pneumatics Automotive series Quick Disconnect Couplers are interchangeable with both Automotive and Industrial Plugs.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPA640</b> Steel	1/4"		<b>CPA641</b> Steel	1/4"
	<b>CPA660</b> Steel	3/8"		<b>CPA661</b> Steel	3/8"
	<b>CPA680</b> Steel	1/2"		<b>CPA681</b> Steel	1/2"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CPA663</b> Steel	3/8"		<b>CPA665</b> Steel	3/8"



**3/8" YELLOW ZINC PLATED STEEL BODY INDUSTRIAL COUPLER PLUGS**

**Interstate Pneumatics** Industrial series Quick Disconnect Coupler Plugs are interchangeable with couplers from other manufacturers.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH640</b> Steel	1/4"		<b>CPH641</b> Steel	1/4"
	<b>CPH660</b> Steel	3/8"		<b>CPH661</b> Steel	3/8"
	<b>CPH680</b> Steel	1/2"		<b>CPH681</b> Steel	1/2"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CPH663</b> Steel	3/8"		<b>CPH665</b> Steel	3/8"
SWIVEL PLUGS	MODEL	NPT SIZE			
	<b>CPHS641</b> Steel	1/4" MPT			
	<b>CPHS661</b> Steel	3/8" MPT			

**1/4" BODY AUTOMATIC 3-IN-1 UNIVERSAL COUPLERS (BRASS/STEEL)**

Interstate Pneumatics Universal Couplers accept 1/4" body Industrial Interchange (Hansen®), Automotive Standard (Tru-Flate®), and ARO® series Coupler Plugs. The 1/4" Universal Coupler is precision machined from bar stock and is available both in brass & steel. The design of this coupler incorporates push-to-connect operation, a machined High-Flow "Window Valve" and a sleeve guard which prevents accidental disconnects and protects the sleeve from damage. Interstate Pneumatics Universal Couplers are available with 1/4" NPT male or female connections. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Brass/Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

To extend service life, keep couplers clean & lubricated. Interstate Pneumatics Air Tool Oil a 10 weight non-detergent part # YL#12-004 is ideal for this purpose.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CG440</b> Steel	1/4"		<b>CG441</b> Steel	1/4"
	<b>CG440B</b> Brass	1/4"		<b>CG441B</b> Brass	1/4"

UNIVERSAL COUPLERS ACCEPT INDUSTRIAL, AUTOMOTIVE AND ARO SERIES PLUGS SHOWN BELOW.



**1/4" Industrial Series  
(Hansen)**



**1/4" ARO Series**



**1/4" Automotive Series  
Tru-Flate**



**3/8" BODY AUTOMATIC 3-IN-1 UNIVERSAL COUPLERS (STEEL)**

Interstate Pneumatics Universal Couplers accept 3/8" body Industrial Interchange (Hansen®), Automotive Standard (Tru-Flate®), and ARO® series Coupler Plugs. The 3/8" Universal Coupler is precision machined from bar stock. The design of this coupler incorporates push-to-connect operation, a machined High-Flow "Window Valve" and a sleeve guard which prevents accidental disconnects and protects the sleeve from damage. Interstate Pneumatics Universal Couplers are available with 3/8" NPT male or female connections. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	65 - 67	-40°F to +212°F

To extend service life, keep couplers clean & lubricated. Interstate Pneumatics Air Tool Oil a 10 weight non-detergent part # YL#12-004 is ideal for this purpose.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CG660</b> Steel	3/8"		<b>CG661</b> Steel	3/8"

**ACCEPTS INDUSTRIAL, AUTOMOTIVE AND ARO SERIES PLUGS**

Universal Couplers shown above accept all of the plugs shown below.



**3/8" Industrial Series  
(Hansen-Interchange)**



**3/8" Automotive Series  
Tru-Flate**





**INTERSTATE PNEUMATICS** Easy-Lock Fittings are designed for use with Easy-Lock Hose. The special design of the barb allows it to be secured to Easy-Lock or equivalent hose without using ferrules or hose clamps.

**SOLID FEMALE BARB CONNECTOR**

Model #	Sizes
<b>FL044</b>	1/4" FPT X 1/4" Barb
<b>FL046</b>	1/4" FPT X 3/8" Barb
<b>FL066</b>	3/8" FPT X 3/8" Barb

**SWIVEL FEMALE BARB CONNECTOR**

Model #	Sizes
<b>FL244</b>	1/4" FPT X 1/4" Barb
<b>FL266</b>	3/8" FPT X 3/8" Barb

**SOLID MALE BARB CONNECTOR**

Model #	Sizes
<b>FL144</b>	1/4" MPT X 1/4" Barb
<b>FL146</b>	1/4" MPT X 3/8" Barb
<b>FL166</b>	3/8" MPT X 3/8" Barb
<b>FL188</b>	1/2" MPT X 1/2" Barb

**HOSE BARB SPLICER**

Model #	Barb Sizes
<b>FL344</b>	1/4"
<b>FL366</b>	3/8"

**INDUSTRIAL EASY LOCK COUPLERS AND PLUGS****END FITTING (EASY-LOCK)****MODEL****SIZE**

<b>CPH445</b>	1/4" Plug
Steel	1/4" Barb
<b>CPH465</b>	1/4" Plug
Steel	3/8" Barb
<b>CPH665</b>	3/8" Plug
Steel	3/8" Barb

**END FITTING (EASY-LOCK)****MODEL****SIZE**

<b>CH445B</b>	1/4" Coupler
Brass	1/4" Barb
<b>CH465B</b>	1/4" Coupler
Brass	3/8" Barb
<b>CH465</b>	1/4" Coupler
Steel	3/8" Barb
<b>CH665</b>	3/8" Coupler
Steel	3/8" Barb

**AUTOMOTIVE EASY LOCK COUPLERS AND PLUGS****END FITTING (EASY-LOCK)****MODEL****SIZE**

<b>CPA445</b>	1/4" Plug
Steel	1/4" Barb
<b>CPA465</b>	1/4" Plug
Steel	3/8" Barb
<b>CPA665</b>	3/8" Plug
Steel	3/8" Barb

**END FITTING (EASY-LOCK)****MODEL****SIZE**

<b>CA445B</b>	1/4" Coupler
Brass	1/4" Barb
<b>CA465B</b>	1/4" Coupler
Brass	3/8" Barb
<b>CA665B</b>	3/8" Coupler
Brass	3/8" Barb

**WARNING:** Easy-Lock Fittings are designed to be used only with Easy-Lock hose (or equivalent "Lock-On" type hose).

**1/4" & 3/8" BODY STEEL INDUSTRIAL INTERCHANGE (HANSEN) SERIES SWIVEL PLUGS**

Interstate Pneumatics offers a full line of Industrial Swivel Plugs that fit all Industry Standard, Industrial and Universal Couplers. These plugs are precision machined and use a rubber O-ring seal.

**1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPHS441**  
Steel      1/4" MPT

**1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPHS461**  
Steel      3/8" MPT

**3/8" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPHS641**  
Steel      1/4" MPT

**3/8" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPHS661**  
Steel      3/8" MPT

**1/4" & 3/8" BODY STEEL AUTOMOTIVE SERIES SWIVEL PLUGS****1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPAS441**      1/4" MPT

**1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPAS461**      3/8" MPT

**3/8" BODY SWIVEL PLUG      MODEL      NPT SIZE**

**CPAS641**      1/4" MPT

**1/2" YELLOW ZINC PLATED BODY INDUSTRIAL INTERCHANGE COUPLERS & PLUGS**

**INTERSTATE PNEUMATICS** industrial interchange series quick disconnect couplers and plugs are manufactured to conform with MIL-C4109 and ANSI/NFPA T3.20.14-1990 requirements, and are interchangeable with industrial interchange couplers and plugs produced by other manufacturers. These couplers are identified by 2 narrow grooves on sleeve. Maximum working pressure 250 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	170 - 185	-40°F to +212°F

Following is the list of available models along with the thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
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**CH880**  
Industrial  
Steel

1/2"



**CH881**  
Industrial  
Steel

1/2"

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
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**CPH880**  
Industrial  
Steel

1/2"



**CPH881**  
Industrial  
Steel

1/2"

**1/2" & 3/8" BLACK PLATED BODY AUTOMOTIVE INTERCHANGE PLUGS**

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
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**CPA880**  
Automotive  
Steel

1/2"



**CPA881**  
Automotive  
Steel

1/2"



**CPA861**  
Automotive  
Steel

3/8"







**1/4" BODY ARO® SERIES COUPLERS & PLUGS**

Interstate Pneumatics ARO® series Quick Disconnect Couplers and Plugs are interchangeable with ARO® series Couplers and Plugs produced by other manufacturers. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications. The 1/4" ARO® series Coupler Plugs can be used with **Interstate Pneumatics** Universal Couplers shown on page 15 of this catalog. 1/4" ARO® Couplers are identified by 3 narrow grooves on coupler's sleeve. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Brass	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CO440B</b> Brass	1/4"		<b>CO441B</b> Brass	1/4"
	<b>CPO440</b> Steel	1/4"		<b>CPO441</b> Steel	1/4"

**1/4" BODY LINCOLN® SERIES COUPLERS & PLUGS**

Interstate Pneumatics Lincoln® series Quick Disconnect Couplers and Plugs are interchangeable with Lincoln® series Couplers and Plugs produced by other manufacturers. Plugs are Zinc plated with hardened wear points. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications. This Coupler series has unique identification with 1 wide & 2 narrow grooves on coupler sleeves. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Brass	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CL440B</b> Brass	1/4"		<b>CL441B</b> Brass	1/4"
END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPL440</b> Steel	1/4"		<b>CPL441</b> Steel	1/4"

### JACK HAMMER UNIVERSAL TWIST LOCK FITTINGS

Cast carbon steel-zinc coated twist-lock fittings are normally threaded onto a pipe, threaded hose end or manifold which joins to a rubber hose assembly which is connected and disconnected regularly. Maximum working pressure 250 PSI.

#### STRAIGHT THROUGH FEMALE THREADED JACK HAMMER COUPLER



Model #	Sizes
<b>CU-800</b>	1/2" FPT
<b>CU-850</b>	3/4" FPT
<b>CU-900</b>	1" FPT

#### STRAIGHT THROUGH MALE THREADED JACK HAMMER COUPLER



Model #	Sizes
<b>CU-801</b>	1/2" MPT
<b>CU-851</b>	3/4" MPT
<b>CU-901</b>	1" MPT

#### STRAIGHT THROUGH HOSE BARB JACK HAMMER COUPLER



Model #	Sizes
<b>CU-803</b>	1/2" Hose Barb
<b>CU-853</b>	3/4" Hose Barb
<b>CU-903</b>	1" Hose Barb

### JACK HAMMER HOSE SAFETY CABLE



Model #	Sizes
<b>CU-SC2014</b>	1/2" to 1-1/4" Hose ID, 1/8" Steel Double Loop Cable 20" length
<b>CU-SC2414</b>	1-1/2" to 3" Hose ID, 1/4" Steel Double Loop Cable 24" length
<b>CU-SC3814</b>	1-1/2" to 3" Hose ID, 1/4" Steel Double Loop Cable 38" length

### JACK HAMMER HOSE CU COUPLER SAFETY PIN & RUBBER GASKET



Model #	Description
<b>CU-P</b>	Jack Hammer Hose CU Coupler Safety Pin



Model #	Description
<b>CU-R</b>	Jack Hammer Hose CU Coupler Rubber Gasket

### MISCELLANEOUS ACCESSORIES



Model#	Description
<b>Y90KR</b>	Quick Coupler Key Chain



**1/4", 3/8", 1/2" BODY STRAIGHT THROUGH (NO VALVE) COUPLERS & PLUGS**

Interstate Pneumatics Straight Through (No Valve) series Couplers and Plugs are designed for use in high flow applications. Smooth, straight through bore gives maximum flow with minimum pressure drop. Brass plugs are precision machined from solid brass bar stock.











Couplers are identified by 2 wide grooves on each end of couplers sleeve regardless of body size & end fitting. Applications include carpet cleaners, vacuum services & pressure washers.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	Temperature
Brass, Steel & Stainless Steel	Brass & Stainless Steel	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	-40°F to +212°F

**Note:** The SCFM for 1/4", 3/8" and 1/2" coupler body sizes are 35, 67, and 185 respectively

Following is the list of available models along with thread sizes:

END FITTING (FPT) MODEL	MAX PRESSURE	NPT SIZE	END FITTING (MPT) MODEL	MAX PRESSURE	NPT SIZE
<b>1/4" Body</b>					
	<b>CNV440B</b> (Brass)	2700 PSI		<b>CNV441B</b> (Brass)	2700 PSI
	<b>PW7135</b> (Stainless Steel)	5200 PSI		<b>PW7136</b> (Stainless Steel)	5200 PSI
	<b>CPNV440B</b> (Brass)	2700 PSI		<b>CPNV441B</b> (Brass)	2700 PSI
	<b>PW7132</b> (Steel)	5200 PSI		<b>PW7133</b> (Steel)	5200 PSI
	<b>PW7134</b> (Stainless Steel)	5200 PSI		<b>PW7137</b> (Stainless Steel)	5200 PSI
<b>3/8" Body</b>					
	<b>CNV660B</b> (Brass)	2700 PSI		<b>CNV661B</b> (Brass)	2700 PSI
	<b>PW7144</b> (Stainless Steel)	5200 PSI		<b>PW7152</b> (Brass)	2700 PSI
				<b>PW7147</b> (Stainless Steel)	5200 PSI
	<b>CPNV660B</b> (Brass)	2700 PSI		<b>CPNV661B</b> (Brass)	2700 PSI
	<b>PW7142</b> (Steel)	5200 PSI		<b>PW7143</b> (Steel)	5200 PSI
	<b>PW7145</b> (Stainless Steel)	5200 PSI		<b>PW7146</b> (Stainless Steel)	5200 PSI
<b>1/2" Body</b>					
	<b>CNV880B</b>	2200 PSI			
	<b>CPNV880B</b>	2200 PSI			

**WARNING:** Straight Through Couplers and Plugs should not be connected or disconnected with pressure on the line.

**1/4" BODY DIAMOND "U"® SERIES COUPLERS & PLUGS**

**Interstate Pneumatics** Diamond "U"® series Couplers & Plugs are interchangeable with the Diamond "U" series Couplers & Plugs produced by other manufacturers. Precision machined bar stock construction provides resistance to the effect of mechanical shock in rugged applications. **Interstate Pneumatics** Diamond "U" series Plugs are Zinc plated with hardened wear points. Diamond series Couplers are identified by 1 wide and 2 narrow grooves placed equidistant on coupler's sleeve. Diamond "U" series Couplers and Plugs are mainly used in vacuum applications. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CD440</b> Steel	1/4"		<b>CD441</b> Steel	1/4"
	<b>CPD440</b> Steel	1/4"		<b>CPD441</b> Steel	1/4"

**CONTRACTORS WATER HOSE CONNECTORS, ADAPTORS AND NOZZLES**

Attach hoses to faucet in seconds with this solid brass Quick Connect Coupler and Plug set. The coupler comes with 3/4" GHT female threads and the plug has 3/4" GHT male threads.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Springs	Locking Balls	Seals	Working Pressure	Temperature
Brass	Brass	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	200 (PSI)	-40°F to +212°F

COUPLER	MODEL #	GHT SIZE	PLUG	MODEL #	GHT SIZE
	<b>CW19</b>	3/4"		<b>CPW19</b>	3/4"

Model # **CZ19** includes both the Coupler **CW19** & Plug **CPW19**.

**WATER HOSE FITTINGS**

	Model# <b>FGM308</b>	Description 3/4" GHT Male x 1/2" Barb		Model# <b>FGM016</b>	Description 3/4" GHT Male x 3/8" Male NPT
	<b>FGM310</b>	3/4" GHT Male x 5/8" Barb		<b>FGM018</b>	3/4" GHT Male x 1/2" Male NPT
	<b>FGM312</b>	3/4" GHT Male x 3/4" Barb		<b>FGM0112</b>	3/4" GHT Male x 3/4" Male NPT
	Model# <b>FGF308</b>	Description 3/4" GHT Female x 1/2" Barb		<b>FGN23</b>	4" GHT Cross Pattern Brass Nozzle
	<b>FGF310</b>	3/4" GHT Female x 5/8" Barb			
	<b>FGF312</b>	3/4" GHT Female x 3/4" Barb			
	Model# <b>FGF01Y</b>	Description 3/4" GHT (1F) x 3/4" GHT (2M) Solid Brass Y-Splitter		<b>FGF-0R1</b>	Garden Hose Washer
	Model# <b>FGF008S</b>	Description 3/4" GHT Female x 1/2" Female NPT		<b>FGC-00</b>	Garden Hose Cap
	<b>FGF012S</b>	3/4" GHT Female x 3/4" Female NPT			
	Model# <b>FGF00S</b>	Description 3/4" GHT Female x 3/4" GHT Female			
	Model# <b>FGF01S</b>	Description 3/4" GHT Male x 3/4" GHT Female		<b>FGN24</b>	5-1/4" Lead Free Adjustable Nozzle Spray Gun
	Model# <b>FGF104</b>	Description 3/4" GHT Female x 1/4" Male NPT			
	<b>FGF106</b>	3/4" GHT Female x 3/8" Male NPT			
	<b>FGF108</b>	3/4" GHT Female x 1/2" Male NPT			
	<b>FGF112</b>	3/4" GHT Female x 3/4" Male NPT			



## HOSE BARB SPLICER



**FBS44** 1/4" Brass Hose Barb Splicer  
**FBS55** 5/16" Brass Hose Barb Splicer

**FBS66** 3/8" Brass Hose Barb Splicer  
**FBS88** 1/2" Brass Hose Barb Splicer

## HOSE BARB SPLICER



**FBT44**  
 Brass Tee Fittings  
 1/4" Hose Barb Manifold



**FBY44**  
 Brass Y Fittings  
 1/4" Hose Barb Manifold



**FBX44**  
 Brass Cross Fittings  
 1/4" Hose Barb Manifold

## HOSE BARB MALE / FEMALE

## SOLID MALE



**FM22** 1/8" MPT x 1/8" Barb  
**FM23** 1/8" MPT x 3/16" Barb  
**FM24** 1/8" MPT x 1/4" Barb  
**FM42** 1/4" MPT x 1/8" Barb  
**FM43** 1/4" MPT x 3/16" Barb  
**FM44** 1/4" MPT x 1/4" Barb  
**FM45** 1/4" MPT x 5/16" Barb  
**FM46** 1/4" MPT x 3/8" Barb  
**FM48** 1/4" MPT x 1/2" Barb  
**FM64** 3/8" MPT x 1/4" Barb  
**FM65** 3/8" MPT x 5/16" Barb  
**FM66** 3/8" MPT x 3/8" Barb

## SOLID MALE



**FM68** 3/8" MPT x 1/2" Barb  
**FM68-5** 3/8" MPT x 5/8" Barb  
**FM84** 1/2" MPT x 1/4" Barb  
**FM86** 1/2" MPT x 3/8" Barb  
**FM88** 1/2" MPT x 1/2" Barb  
**FM88-5** 1/2" MPT x 5/8" Barb  
**FM89** 1/2" MPT x 3/4" Barb  
**FM98** 3/4" MPT x 1/2" Barb  
**FM98-5** 3/4" MPT x 5/8" Barb  
**FM99** 3/4" MPT x 3/4" Barb  
**FM99-7** 3/4" MPT x 1" Barb  
**FM99-9** 1" MPT x 1" Barb



## SOLID FEMALE

**FF44** 1/4" FPT x 1/4" Barb  
**FF45** 1/4" FPT x 5/16" Barb  
**FF46** 1/4" FPT x 3/8" Barb  
**FF66** 3/8" FPT x 3/8" Barb  
**FF68** 3/8" FPT x 1/2" Barb  
**FF88** 1/2" FPT x 1/2" Barb

## HOSE BARB SWIVEL MALE / FEMALE

FEMALE HOSE BARB  
SWIVEL (1-PC)

**FFS144** 1/4" FPT x 1/4" Barb  
**FFS145** 1/4" FPT x 5/16" Barb  
**FFS146** 1/4" FPT x 3/8" Barb  
**FFS166** 3/8" FPT x 3/8" Barb

MALE HOSE  
BARB SWIVEL - Brass

**FMS144** 1/4" MPT x 1/4" Barb  
**FMS145** 1/4" MPT x 5/16" Barb  
**FMS146** 1/4" MPT x 3/8" Barb  
**FMS166** 3/8" MPT x 3/8" Barb

FEMALE HOSE BARB  
SWIVEL (2-PC)

**FFS244** 1/4" FPT x 1/4" Barb  
**FFS245** 1/4" FPT x 5/16" Barb  
**FFS246** 1/4" FPT x 3/8" Barb  
**FFS266** 3/8" FPT x 3/8" Barb

MALE HOSE  
BARB SWIVEL - Steel

**FMS144S** 1/4" MPT x 1/4" Barb  
**FMS145S** 1/4" MPT x 5/16" Barb  
**FMS146S** 1/4" MPT x 3/8" Barb  
**FMS166S** 3/8" MPT x 3/8" Barb

## HOSE BARB FOR INFLATOR WHIPS



**FMS64T**  
 3/8" - 24 UNF Male x 1/4"  
 Hose Barb

## SPECIALTY STEEL BARB



**FM44RL**  
 1/4" MPT Specialty  
 Steel Barb

## HEADLESS PLUG



BRASS HEADLESS PLUG

**FPP22B** 1/8" MPT Headless Brass Plug  
**FPP42B** 1/4" MPT Headless Brass Plug  
**FPP62B** 3/8" MPT Headless Brass Plug  
**FPP82B** 1/2" MPT Headless Brass Plug



STEEL HEADLESS PLUG

**FPP22S** 1/8" MPT Headless Steel Plug  
**FPP42S** 1/4" MPT Headless Steel Plug  
**FPP62S** 3/8" MPT Headless Steel Plug  
**FPP82S** 1/2" MPT Headless Steel Plug

## HEX PLUG



BRASS

**FPP21B** 1/8" MPT Brass Hex Plug  
**FPP41B** 1/4" MPT Brass Hex Plug  
**FPP61B** 3/8" MPT Brass Hex Plug  
**FPP81B** 1/2" MPT Brass Hex Plug



STEEL

**FPP41S** 1/4" MPT Steel Hex Plug  
**FPP61S** 3/8" MPT Steel Hex Plug

## BRASS PIPE FITTINGS



## BRASS HEX ADAPTERS

**FB202** 1/8" MPT x 1/8" FPT  
**FB204** 1/8" MPT x 1/4" FPT  
**FB404** 1/4" MPT x 1/4" FPT  
**FB406** 1/4" MPT x 3/8" FPT  
**FB408** 1/4" MPT x 1/2" FPT  
**FB606** 3/8" MPT x 3/8" FPT  
**FB608** 3/8" MPT x 1/2" FPT  
**FB808** 1/2" MPT x 1/2" FPT



## BRASS HEX BUSHING

**FB402** 1/4" MPT x 1/8" FPT  
**FB604** 3/8" MPT x 1/4" FPT  
**FB804** 1/2" MPT x 1/4" FPT  
**FB806** 1/2" MPT x 3/8" FPT  
**FB809** 1/2" MPT x 3/4" FPT  
**FB904** 3/4" MPT x 1/4" FPT  
**FB906** 3/4" MPT x 3/8" FPT  
**FB908** 3/4" MPT x 1/2" FPT  
**FB909-7** 1" MPT x 3/4" FPT



## LONG NIPPLES

**FA414LN** 1/4" MPT 2" Extension  
**FA616LN** 3/8" MPT 2" Extension



## HEX NIPPLES

**FA212** 1/8" MPT  
**FA414** 1/4" MPT  
**FA616** 3/8" MPT  
**FA818** 1/2" MPT  
**FA919** 3/4" MPT  
**FA919-9** 1" MPT



## HEX REDUCERS

**FA214** 1/8" x 1/4" MPT  
**FA416** 1/4" x 3/8" MPT  
**FA418** 1/4" x 1/2" MPT  
**FA618** 3/8" x 1/2" MPT  
**FA819** 1/2" x 3/4" MPT



## COUPLINGS

**FPC220** 1/8" FPT x 1/8" FPT  
**FPC240** 1/8" FPT x 1/4" FPT  
**FPC440** 1/4" FPT x 1/4" FPT  
**FPC460** 1/4" FPT x 3/8" FPT  
**FPC480** 1/4" FPT x 1/2" FPT  
**FPC660** 3/8" FPT x 3/8" FPT  
**FPC680** 3/8" FPT x 1/2" FPT  
**FPC880** 1/2" FPT x 1/2" FPT  
**FPC990** 3/4" FPT x 3/4" FPT

## STREET PIPE FITTINGS



## STREET PIPE ELBOW

**FST22E** 1/8" MPT x 1/8" FPT  
**FST44E** 1/4" MPT x 1/4" FPT  
**FST66E** 3/8" MPT x 3/8" FPT



## STREET PIPE TEE

**FST22RT** 1/8" MPT x 1/8" FPT  
**FST44RT** 1/4" MPT x 1/4" FPT  
**FST66RT** 3/8" MPT x 3/8" FPT

STREET PIPE ELBOW  
45 DEGREE

**FST22EA** 1/8" MPT x 1/8" FPT  
**FST44EA** 1/4" MPT x 1/4" FPT  
**FST66EA** 3/8" MPT x 3/8" FPT  
**FST88EA** 1/2" MPT x 1/2" FPT

STREET PIPE ELBOW  
45 DEGREE

**FST22EAF** 1/8" FPT x 1/8" FPT  
**FST44EAF** 1/4" FPT x 1/4" FPT



## BRASS BRANCH TEE

**FP22TB** 1/8" FPT x 1/8" MPT  
**FP44TB** 1/4" FPT x 1/4" MPT  
**FP66TB** 3/8" FPT x 3/8" MPT



## MANIFOLDS - CROSS / TEE / ELBOW / ROUND / DOME / RECTANGLE

## 3-WAY DOME MANIFOLD MODEL INLET x OUTLET



Aluminum

<b>FPM44</b> 1-Inlet x 3-Outlets	1/4" FPT x 1/4" FPT
<b>FPM64A</b> 1-Inlet x 3-Outlets	3/8" FPT x 1/4" FPT
<b>FPM84A</b> 1-Inlet x 3-Outlets	1/2" FPT x 1/4" FPT

## BRASS MANIFOLD MODEL FPT



<b>FPM44R</b> 1-Inlet x 3-Outlets 4-Ports	1/4"
<b>FPM66R-3</b> 1-Inlet x 3-Outlets 4-Ports	3/8"
<b>FPM66R</b> 1-Inlet x 5-Outlets 6-Ports	3/8"

## BRASS CROSS MODEL FPT



<b>FP22X</b>	1/8"
<b>FP44X</b>	1/4"
<b>FP66X</b>	3/8"
<b>FP88X</b>	1/2"
<b>FP99X</b>	3/4"

## BRASS ELBOW MODEL SIZE



<b>FPE22</b>	1/8" FPT x 1/8" FPT
<b>FPE44</b>	1/4" FPT x 1/4" FPT
<b>FPE66</b>	3/8" FPT x 3/8" FPT
<b>FPE88</b>	1/2" FPT x 1/2" FPT
<b>FPE99</b>	3/4" FPT x 3/4" FPT

## BRASS TEE MODEL FPT



<b>FP22T</b>	1/8"
<b>FP44T</b>	1/4"
<b>FP66T</b>	3/8"
<b>FP88T</b>	1/2"
<b>FP99T</b>	3/4"

## RECTANGULAR ALUMINUM PENCIL MANIFOLD MODEL FPT



<b>FPM44S</b>	1/4"
1-Inlet x 4-Outlets	

## LARGE RECTANGULAR ALUMINUM MANIFOLD MODEL FPT



<b>FPM44SR</b>	3/8" Inlet
1-Inlet x 4-Outlets	1/4" Outlet

DOME STYLE MANIFOLD KIT	MODEL
-------------------------	-------

**FPM44-KH4**

3 Way Aluminum 1/4" Dome Manifold with  
(3) 1/4" Steel Industrial Couplers x (1)  
1/4" Industrial Steel Plug

DOME STYLE MANIFOLD KIT	MODEL
-------------------------	-------

**FPM44-KA4**

3 Way Aluminum 1/4" Dome Manifold with  
(3) 1/4" Steel Automotive Couplers x (1)  
1/4" Automotive Steel Plug

DOME STYLE MANIFOLD KIT	MODEL
-------------------------	-------

**FPM44-KH6**

3 Way Aluminum 1/4" Dome Manifold with  
(3) 3/8" Steel Industrial Couplers x (1)  
3/8" Industrial Steel Plug

DOME STYLE MANIFOLD KIT	MODEL
-------------------------	-------

**FPM44-KA6**

3 Way Aluminum 1/4" Dome Manifold with  
(3) 3/8" Steel Automotive Couplers x (1)  
3/8" Automotive Steel Plug

DOME STYLE MANIFOLD KIT	MODEL
-------------------------	-------

**FPM44-KH4B**

1/4" Aluminum Dome Manifold with  
(3) x 1/4" Brass Industrial Couplers x (1)  
1/4" Industrial Steel Plug

FLAT-HEX STYLE MANIFOLD KIT	MODEL
-----------------------------	-------

**FPM44R-KH4**

3 Way Brass 1/4" Flat-Hex Manifold with  
(3) 1/4" Steel Industrial Couplers x (1)  
1/4" Industrial Steel Plug

FLAT-HEX STYLE MANIFOLD KIT	MODEL
-----------------------------	-------

**FPM44R-KA4**

3 Way Brass 1/4" Flat-Hex Manifold with  
(3) 1/4" Steel Automotive Couplers x (1)  
1/4" Automotive Steel Plug

FLAT-HEX STYLE MANIFOLD KIT	MODEL
-----------------------------	-------

**FPM44R-KH6**

3 Way Brass 1/4" Flat-Hex Manifold with  
(3) 3/8" Steel Industrial Couplers x (1)  
3/8" Industrial Steel Plug

FLAT-HEX STYLE MANIFOLD KIT	MODEL
-----------------------------	-------

**FPM44R-KA6**

3 Way Brass 1/4" Flat-Hex Manifold with  
(3) 3/8" Steel Automotive Couplers x (1)  
3/8" Automotive Steel Plug

FLAT-HEX STYLE MANIFOLD KIT	MODEL
-----------------------------	-------

**FPM44R-KH4B**

1/4" Brass Round Manifold with (3) x 1/4"  
Brass Industrial Couplers x (1)  
1/4" Industrial Steel Plug

\* Maximum working pressure 300 PSI.

## MANIFOLDS - CROSS / TEE / ELBOW / ROUND / DOME / RECTANGLE

### RECTANGULAR MANIFOLD KIT

### MODEL



### FPM44S-KH4

4 Way Aluminum 1/4" Rectangle Pencil Manifold with (4) 1/4" Steel Industrial Coupler x (1) 1/4" Industrial Steel Plug

### RECTANGULAR MANIFOLD KIT

### MODEL



### FPM44S-KA4

4 Way Aluminum 1/4" Rectangle Pencil Manifold with (4) 1/4" Steel Automotive Coupler x (1) 1/4" Automotive Steel Plug

### RECTANGULAR MANIFOLD KIT

### MODEL



### FPM44S-KH4B

4 Way Aluminum 1/4" Rectangle Pencil Manifold with (4) 1/4" Brass Industrial Coupler x (1) 1/4" Industrial Brass Plug

### RECTANGULAR MANIFOLD KIT

### MODEL



### FPM44S-KA6

4 Way Aluminum 1/4" Rectangle Pencil Manifold with (4) 3/8" Steel Automotive Coupler x (1) 1/4" Automotive Steel Plug

### RECTANGULAR MANIFOLD KIT

### MODEL



### FPM44S-KH6

4 Way Aluminum 1/4" Rectangle Pencil Manifold with (4) 3/8" Steel Industrial Coupler x (1) 1/4" Industrial Steel Plug

### DOUBLE SWIVEL MANIFOLD KIT

### MODEL



### FS244-KH4

Double Swivel Fitting 1/4" Male NPT with (2) 1/4" Steel Industrial Couplers & (1) 1/4" Steel Industrial Plug

### RECTANGULAR MANIFOLD KIT

### MODEL



### FPM44S-KG4

4 Way Aluminum 1/4" Rectangle Pencil Manifold with (4) 1/4" Steel Universal Coupler x (1) 1/4" Industrial Steel Plug

### DOUBLE SWIVEL MANIFOLD KIT

### MODEL



### FS244-KA4

Double Swivel Fitting 1/4" Male NPT with (2) 1/4" Steel Automotive Couplers & (1) 1/4" Steel Automotive Plug

\* Maximum working pressure 300 PSI.



The distinctive feature of these fittings is the swivel action that eliminates kinking & twisting of hose by allowing it to spin freely. Available in stock are variety of these fittings that provide required swivel flexibility. Our ball swivel fittings provide greater bend angle (20° - 25° depending on size) and flow capacity than traditional swivels.



**MALE PIPE IN-LINE BRASS SWIVEL**  
**FS04** 1/4" MPT x 1/4" FPT



**90 DEGREE BRASS SWIVEL**  
**FS14** 1/4" MPT x 1/4" FPT



**ALUMINUM UNIVERSAL SWIVEL**  
**FS24** 1/4" MPT x 1/4" FPT



**HOSE BARB SWIVEL ASSEMBLY**  
**FMBS44** 1/4" MPT x 1/4" Swivel Barb  
Steel construction & Zinc coated  
**FMBS46** 1/4" MPT x 3/8" Swivel Barb  
Steel construction & Zinc coated



**1/4" MPT BRASS FITTING WITH**  
**1/4" FPT STEEL SWIVEL ADAPTER**  
**FBS404** 1/4" MPT x 1/4" FPT

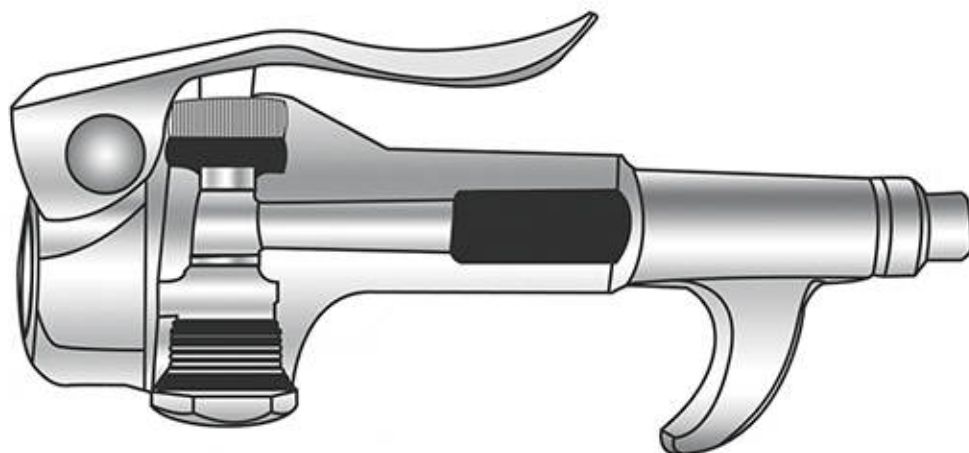
**3/8" MPT BRASS FITTING WITH**  
**1/4" FPT STEEL SWIVEL ADAPTER**  
**FBS604** 3/8" MPT x 1/4" FPT



**DOUBLE SWIVEL FITTING**  
**FS244** 1/4" Male NPT

**Interstate Pneumatics** compressed air blowguns shown in this catalog feature precision machined chrome plated metal castings and solid brass internal parts. All have a 1/4" NPT female inlet and 1/8" NPT female outlet. **Interstate Pneumatics** blowguns are lightweight and designed to fit comfortably in the user's hand. Maximum working pressure 225 PSI.

### ALL BRASS INTERNAL PARTS FOR FREE OPERATION



**3 O-Rings**  
Leakproof Operation

**Bottom mounted Nut**  
allows field repair

**Chrome plated cast Zinc body**  
Long service life

### AIR FLOW DATA

Chart below will help you in selecting the proper blowgun for your individual application. The chart shows in CFM (Cubic Feet per Minute), the actual air consumed compared to the air delivered at the tip end. Flow data is based on an inlet pressure of 100 PSI. The maximum sound limit for following blowguns is 87 dBA.

Model Number	Air Consumed CFM	Air Delivered CFM	Model Number	Air Consumed CFM	Air Delivered CFM
<b>B232</b>	10	10	<b>B308</b>	8	14
<b>B234</b>	10	10	<b>B309</b>	35	35
<b>B300</b>	41	41	<b>B500</b>	10	10
<b>B301</b>	8	8	<b>B501</b>	9	9
<b>B302</b>	11	11	<b>B502</b>	14	14
<b>B303</b>	10	10			
<b>B304</b>	18	18			
<b>B306</b>	11	16			
<b>B307</b>	6	15			

**WARNING:** Do not use blowguns on air lines that are not regulated, or when pressure at the gun exceeds 150 PSI. Use the correct size male threaded adapter with Teflon sealing tape. Make sure gun's securely tightened to the adapter. Adapter must be threaded into the gun for the full depth of the female thread. Do not re-tap or modify thread for a non standard adapter. Use of these products contrary to specifications and directions may result in personal injury or property damage. Use eye protection when using blowguns.

## SAFETY BLOWGUNS

Interstate Pneumatics Safety Series Blowguns comply with \*OSHA 1910.242b and 1910.95 by using a tip that reduces the pressure from a maximum of 150 PSI to an outlet pressure of 30 PSI at the nozzle. The tip also includes a safety by-pass which prevents excess pressure build-up in the gun if the nozzle becomes clogged or "dead-ended". All Interstate Pneumatics Safety Series Blowguns have a 1/4" NPT female inlet and 1/8" NPT female outlet. Area of bottom of Blowgun is recessed to perfectly fit the user fingers allowing a firm yet relaxed grip. Application include blowing away dust, metal chips, wood chips etc.

## B302S SAFETY BLOWGUN WITH RUBBER SAFETY TIP



Zinc die-cast chrome plated body blowgun thumb lever with brass valve and tamper proof rubber coated brass safety tip

## B306 STANDARD SAFETY BLOWGUN WITH SAFETY TIP



BT6S safety brass tip  
Draws additional air through slots in tip to increase output flow by 40%

## B307 STRATA FLOW BLOWGUN WITH SAFETY TIP



BT7S safety brass tip  
Heavy velocity concentrates air into a less turbulent stream for smooth operation

## B308 SAFETY TAMPER PROOF GUN



Brass Tip swivels to prevent removal.  
Excellent general purpose blowgun

## B309 XS3 / XS6 SAFETY BLOWGUN



B309XS3 safety blowgun with 3" extension

B309XS6 safety blowgun with 6" extension

## B311 IN LINE BLOWGUN



In-line safety blowgun with Brass Tip

## B312S IN-LINE BLOW GUN WITH RUBBER SAFETY TIP



In-line blowgun with Rubber coated Brass safety tip.



## HEAVY DUTY BLOWGUNS

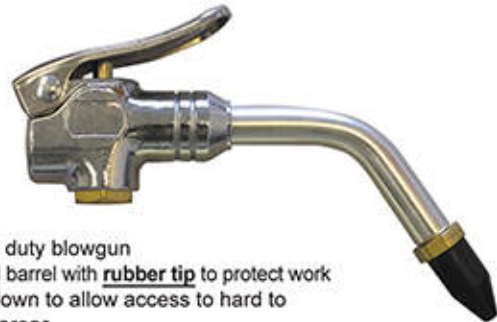
Interstate Pneumatics Heavy Duty Blowguns feature a heavy cast body for durability and long service life in the most rugged applications. Designed for high volume air flow. Maximum working pressure 225 PSI.

## B500 HEAVY DUTY BLOWGUN



Heavy duty blowgun without tip with long barrel

## B502 HEAVY DUTY BLOWGUN ANGLED BARREL



Heavy duty blowgun  
Angled barrel with rubber tip to protect work  
Bent down to allow access to hard to reach areas

## B501 HEAVY DUTY BLOWGUN



Heavy duty blowgun with extended barrel  
and brass tip

## STANDARD &amp; SPECIALTY BLOWGUNS

## B300 STANDARD THUMB LEVER BLOWGUN



1/4" FPT standard thumb lever without tip blowgun

## B301 STANDARD THUMB LEVER BLOWGUN



1/4" FPT standard thumb lever with brass tip

## B302 STANDARD THUMB LEVER BLOWGUN



1/4" FPT standard thumb lever with rubber tip

## B303 PISTOL GRIP BLOWGUN



1/4" FPT pistol grip with rubber tip blowgun

## STANDARD AND SPECIALTY BLOWGUNS

## B304 PISTOL GRIP BLOWGUN



1/4" FPT pistol grip with  
8" steel extension

## B204 NYLON BLOWGUN



1/4" FPT female nylon blowgun  
Maximum working pressure 175 PSI.

## B305 STANDARD THUMB LEVER SIPHON SPRAYGUN

The Interstate Pneumatics Siphon Spray Gun blows air / liquid (cleaning solution) to clean auto engines and other mechanical parts, it comes with a control valve to regulate density of mist.



1/4" FPT standard thumb  
lever siphon spraygun  
Comes with 1/4" x 8ft. long  
PVC Tubing

## B312 IN-LINE BLOWGUN



In-line blowgun with rubber tip. It  
is secured permanently between  
coupler and air hose. Provide  
1/4" FPT connections for easy  
installation.

## BZ306 BLOWGUN KIT



**Kit includes:**  
B301 Standard economy  
Safety Blowgun  
BT6S 1/8" MPT Slotted brass tip  
BTN3 0.065" x 1-3/4" Needle tip  
BTN4 0.095" x 2-1/2" Needle tip  
BTN5 0.134" x 2-3/4" Needle tip

## B600 HEAVY-DUTY BLOWGUN



Die Casted Aluminum  
Heavy Duty Blowgun Copper  
Plated with smooth surface  
body with 1/4" NPT inlet

## B610 HEAVY-DUTY BLOWGUN



Die Casted Aluminum  
Heavy Duty Blowgun Copper  
Plated with body ridges with  
3/8" NPT inlet

## INFLATORS / AIR NOZZLES

## B232 ECONOMY BLOWGUN



Lightweight tilt valve  
blowgun. Press side of  
gun to operate. 1/4"  
MPT inlet Ideal for  
inflating balloons.

## B234 ECONOMY BLOWGUN



Lightweight tilt valve blowgun.  
Press side of gun to operate.  
1/4" FPT inlet. Ideal for  
inflating balloons.

## 1/4" ADJUSTABLE AUTOMOTIVE / INDUSTRIAL POCKET BLOWGUN



**B100A** 1/4" adjustable automotive pocket blowgun



**B100H** 1/4" adjustable industrial pocket blowgun



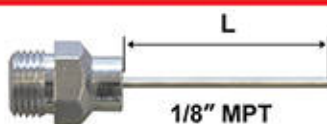
## TIPS AND ACCESSORIES

These tips can be placed on any Interstate Pneumatics B300, B500 series blowgun body.

### SAFETY NOZZLE TIPS

MODEL #	DESCRIPTION	MODEL #	DESCRIPTION
	<b>BT6S</b> 1/8" MPT Slotted brass tip		<b>BT2S</b> 1/8" MPT Rubber tip molded rubber on brass Rubber skin for BT8S, brass tip
	<b>BT7S</b> 1/8" MPT Strata flow safety tip		

### NEEDLE TIPS



BTN5A NEEDLE TIP ASSORTMENT  
INCLUDES ALL 5 SIZES OF NEEDLE TIPS.

Model #	OD	Pin Length (L)
<b>BTN1</b>	0.0425"	7/8"
<b>BTN2</b>	0.050"	1-1/8"
<b>BTN3</b>	0.065"	1-3/4"
<b>BTN4</b>	0.095"	2-1/2"
<b>BTN5</b>	0.134"	2-3/4"



**BTN1**  
**BTN2**  
**BTN3**  
**BTN4**  
**BTN5**

### NOZZLE TIP



**BT1** 1/8" MPT Brass tip



**BT2** 1/8" MPT Rubber tip molded rubber on brass

### STANDARD EXTENSION TIPS



1/8" MPT

**BX3** Standard 3" extension tip  
**BX6** Standard 6" extension tip

### SAFETY EXTENSION TIPS



1/8" MPT

**BXS03** 3" Safety extension  
**BXS06** 6" Safety extension  
**BXS12** 12" Safety extension  
**BXS24** 24" Safety extension  
**BXS36** 36" Safety extension

### TELESCOPING EXTENSION BLOWGUN TIPS



**BXT12** 12" Telescoping Extension Blowgun Tip with 1/8" MPT  
**BXT24** 24" Telescoping Extension Blowgun Tip with 1/8" MPT  
**BXT36** 36" Telescoping Extension Blowgun Tip with 1/8" MPT

\* Using different tips on these blowguns will affect the SCFM  
1/8" NPT male threads on all blowgun tips



## PVC HOSES

Interstate Pneumatics PVC Air Hoses are made from a tough lightweight compound that is highly resistant to the degrading effects of oil, grease & ultraviolet light. High abrasion resistance makes this hose ideal for use in the most rugged applications. Pre-cut lengths have solid brass fittings, ferrules & boots. Bulk reels have no fittings.

## TRANSLUCENT RED PVC HOSES



Model #	Sizes
<b>HA04-025</b>	1/4" 25ft.
<b>HA04-050</b>	1/4" 50ft.
<b>HA04-100</b>	1/4" 100ft.
<b>HA04-100H44</b>	1/4" 100ft. (w/1/4" Steel Industrial Coupler/Plug)
<b>HA04-100H44B</b>	1/4" 100ft. (w/1/4" Brass Industrial Coupler/Plug)
<b>HA36-025</b>	3/8" 25ft.
<b>HA36-050</b>	3/8" 50ft.
<b>HA36-100</b>	3/8" 100ft.



Temperature range -20°F to 150°F  
Working pressure 300 PSI @ 75°F  
Safety factor 4:1  
Light weight

## CLEAR PVC HOSES



Model #	Sizes
<b>HA16-025</b>	3/8" 25ft.
<b>HA16-050</b>	3/8" 50ft.
<b>HA16-100</b>	3/8" 100ft.



Temperature range -20°F to 150°F  
Working pressure 300 PSI @ 75°F  
Safety factor 4:1  
Light weight

## ORANGE PVC HOSES



Model #	Sizes
<b>HA26-025E</b>	3/8" 25ft.
<b>HA26-050E</b>	3/8" 50ft.
<b>HA26-100E</b>	3/8" 100ft.
<b>HA26-750E</b>	3/8" 750ft. (Reel)



Temperature range -20°F to 150°F  
Working pressure 300 PSI @ 75°F  
Safety factor 4:1

## BLUE PVC HOSES



Model #	Sizes
<b>HA06-025E</b>	3/8" 25ft.
<b>HA06-050E</b>	3/8" 50ft.
<b>HA06-100E</b>	3/8" 100ft.
<b>HA06-750E</b>	3/8" 750ft. (Reel)



Temperature range -20°F to 150°F  
Working pressure 300 PSI @ 75°F  
Safety factor 4:1



**BA06** Boot for HA06 3/8" PVC Hoses

## 3/4" GREEN PVC W.P. 200 PSI WATER HOSES



Model #	Sizes
<b>HCG19-025E</b>	3/4" 25ft.
<b>HCG19-050E</b>	3/4" 50ft.
<b>HCG19-075E</b>	3/4" 75ft.
<b>HCG19-100E</b>	3/4" 100ft.



Working pressure 200 PSI  
Safety factor 4:1  
Temperature -20°F to +150°F  
3/4" GHT solid machined brass fittings



COUPLER	MODEL #	GHT SIZE	PLUG	MODEL #	GHT SIZE
	<b>CW19</b>	3/4"		<b>CPW19</b>	3/4"

Model # **CZ19** includes both the Coupler **CW19** & Plug **CPW19**.

## WATER HOSE FITTINGS



Model#	Description
<b>FGM308</b>	3/4" GHT Male x 1/2" Barb
<b>FGM310</b>	3/4" GHT Male x 5/8" Barb
<b>FGM312</b>	3/4" GHT Male x 3/4" Barb



Model#	Description
<b>FGM016</b>	3/4" GHT Male x 3/8" Male NPT
<b>FGM018</b>	3/4" GHT Male x 1/2" Male NPT
<b>FGM0112</b>	3/4" GHT Male x 3/4" Male NPT



Model#	Description
<b>FGF308</b>	3/4" GHT Female x 1/2" Barb
<b>FGF310</b>	3/4" GHT Female x 5/8" Barb
<b>FGF312</b>	3/4" GHT Female x 3/4" Barb



<b>FGN23</b>	4" GHT Cross Pattern Brass Nozzle
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Model#	Description
<b>FGF01Y</b>	3/4" GHT (1F) x 3/4" GHT (2M) Solid Brass Y-Splitter



<b>FGF-0R1</b>	Garden Hose Washer
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Model#	Description
<b>FGF008S</b>	3/4" GHT Female x 1/2" Female NPT
<b>FGF012S</b>	3/4" GHT Female x 3/4" Female NPT



<b>FGC-00</b>	Garden Hose Cap
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Model#	Description
<b>FGF00S</b>	3/4" GHT Female x 3/4" GHT Female



Model#	Description
<b>FGF104</b>	3/4" GHT Female x 1/4" Male NPT
<b>FGF106</b>	3/4" GHT Female x 3/8" Male NPT
<b>FGF108</b>	3/4" GHT Female x 1/2" Male NPT
<b>FGF112</b>	3/4" GHT Female x 3/4" Male NPT



Model#	Description
<b>FGF01S</b>	3/4" GHT Male x 3/4" GHT Female



<b>G2012-200W</b>	Water Pressure Gauge Pressure Range: 0-200 PSI Dial Diameter: 2" Fitting: 3/4" Female GHT Fitting
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<b>FGN24</b>	5-1/4" Lead Free Adjustable Nozzle Spray Gun
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## INTERSTATE PNEUMATICS RHINO RUBBER HOSES

Interstate Pneumatics Rhino rubber is a synthetic rubber hose with great durability and excellent color stability, outstanding resistance to severe weather conditions, heat & ozone. The fiber reinforced hose is designed for a service pressure of 300 PSI with a safety factor of four; 1200 PSI burst pressure. Pre-cut lengths have solid brass 1/4" MPT fittings, ferrules and protective boots.

### RED RUBBER HOSES



Model #	Size
<b>HA44-025E</b>	1/4" 25ft.
<b>HA44-050E</b>	1/4" 50ft.
<b>HA44-100E</b>	1/4" 100ft.
<b>HA44-600E</b>	1/4" 600ft. (Reel)
<b>HA46-025E</b>	3/8" 25ft.
<b>HA46-050E</b>	3/8" 50ft.
<b>HA46-100E</b>	3/8" 100ft.
<b>HA46-600E</b>	3/8" 600ft. (Reel)

Model #	Size
<b>HA19-400E</b>	3/4" 400ft. (Reel)
<b>HA20-400</b>	1" 400ft. (Reel)

Model #	Size
<b>HA48-025E</b>	1/2" 25ft.
<b>HA48-050E</b>	1/2" 50ft.
<b>HA48-100E</b>	1/2" 100ft.
<b>HA48-600E</b>	1/2" 600ft. (Reel)



Temperature range -40°F to 180°F  
Working pressure 300 PSI @ 70°F  
Safety factor 4:1

Model #	Description
<b>BA44</b>	Boot for HA44 1/4" Hose
<b>BA46</b>	Boot for HA46 3/8" Hose



### YELLOW RUBBER HOSES



Model #	Size
<b>HA54-025E</b>	1/4" 25ft.
<b>HA54-050E</b>	1/4" 50ft.
<b>HA54-100E</b>	1/4" 100ft.
<b>HA54-600E</b>	1/4" 600ft. (Reel)
<b>HA56-025E</b>	3/8" 25ft.
<b>HA56-050E</b>	3/8" 50ft.
<b>HA56-100E</b>	3/8" 100ft.
<b>HA56-600E</b>	3/8" 600ft. (Reel)
Model #	Size
<b>HA58-025E</b>	1/2" 25ft.
<b>HA58-050E</b>	1/2" 50ft.
<b>HA58-100E</b>	1/2" 100ft.
<b>HA58-600E</b>	1/2" 600ft. (Reel)



1/4" & 3/8" Hose come with 1/4" NPT fittings  
1/2" Hose comes with 1/2" NPT fittings  
Temperature range -40°F to 180°F  
Working pressure @ 70°F  
1/4", 3/8" & 1/2" - 300 PSI  
Safety factor 4:1



Model #	Description
<b>BA46</b>	Boot for HA56 3/8" Yellow Hose

### BLACK RUBBER HOSES



Model #	Size
<b>HA66-025E</b>	3/8" 25ft.
<b>HA66-050E</b>	3/8" 50ft.
<b>HA66-100E</b>	3/8" 100ft.
<b>HA66-600E</b>	3/8" 600ft. (Reel)



Temperature range -40°F to 180°F  
Working pressure 300 PSI @ 70°F  
Safety factor 4:1

### 1/4" BLACK RUBBER HOSE WITH STEEL BRAIDING (W.P. 600 PSI)



Model #	Size
<b>HA84-450</b>	1/4" 450ft. (Reel)

Temperature range -40°F to 180°F  
Working pressure 600 PSI @ 70°F  
Safety factor 4:1



## EASY LOCK GREY HOSE (300 PSI) EASY-LOCK FITTINGS

**INTERSTATE PNEUMATICS** Easy-Lock Hose is ideal for use in any application where quick assembly of hose and fitting is desired. The cover is made from premium oil resistant synthetic rubber. The special weave of fabric layer of the hose firmly grips the fitting barb (fittings included) securing it without the use of ferrules or hose clamps.



Fittings Included  
Temperature range  
-40°F to 150°F

Model #	Sizes	Model #	Sizes
<b>HL4-025</b>	1/4" 25ft.	<b>HL6-025</b>	3/8" 25ft.
<b>HL4-050</b>	1/4" 50ft.	<b>HL6-050</b>	3/8" 50ft.
<b>HL4-100</b>	1/4" 100ft.	<b>HL6-100</b>	3/8" 100ft.
<b>HL4-500</b>	1/4" 500ft.	<b>HL6-500</b>	3/8" 500ft.
<b>HLW4-24</b>	1/4" 24ft. 1/4" NPTM U-Swivel x 1/4" NPTF, Easy Lock Grey Hose		
<b>HLW4-60</b>	1/4" 60ft. 1/4" NPTM U-Swivel x 1/4" NPTF, Easy Lock Grey Hose		

**WARNING:** Use only fittings made specifically for Easy-Lock hose. Standard hose barbs may not hold securely.

## EASY LOCK FITTINGS

**INTERSTATE PNEUMATICS** Easy-Lock Fittings are designed for use with Easy-Lock Hose. The special design of the barb allows it to be secured to Easy-Lock or equivalent hose without using ferrules or hose clamps.

## SOLID FEMALE BARB CONNECTOR



Model #	Sizes
<b>FL044</b>	1/4" FPT X 1/4" Barb
<b>FL046</b>	1/4" FPT X 3/8" Barb
<b>FL066</b>	3/8" FPT X 3/8" Barb

## SWIVEL FEMALE BARB CONNECTOR



Model #	Sizes
<b>FL244</b>	1/4" FPT X 1/4" Barb
<b>FL266</b>	3/8" FPT X 3/8" Barb

## SOLID MALE BARB CONNECTOR



Model #	Sizes
<b>FL144</b>	1/4" MPT X 1/4" Barb
<b>FL146</b>	1/4" MPT X 3/8" Barb
<b>FL166</b>	3/8" MPT X 3/8" Barb
<b>FL188</b>	1/2" MPT X 1/2" Barb

## HOSE BARB SPLICER



Model #	Barb Sizes
<b>FL344</b>	1/4"
<b>FL366</b>	3/8"

## INDUSTRIAL EASY LOCK COUPLERS AND PLUGS

## END FITTING (EASY-LOCK)

## MODEL

## SIZE



<b>CPH445 Steel</b>	1/4" Plug 1/4" Barb
<b>CPH465 Steel</b>	1/4" Plug 3/8" Barb
<b>CPH665 Steel</b>	3/8" Plug 3/8" Barb

## END FITTING (EASY-LOCK)

## MODEL

## SIZE



<b>CH445B Brass</b>	1/4" Coupler 1/4" Barb
<b>CH465B Brass</b>	1/4" Coupler 3/8" Barb
<b>CH465 Steel</b>	1/4" Coupler 3/8" Barb
<b>CH665 Steel</b>	3/8" Coupler 3/8" Barb

## AUTOMOTIVE EASY LOCK COUPLERS AND PLUGS

## END FITTING (EASY-LOCK)

## MODEL

## SIZE



<b>CPA445 Steel</b>	1/4" Plug 1/4" Barb
<b>CPA465 Steel</b>	1/4" Plug 3/8" Barb
<b>CPA665 Steel</b>	3/8" Plug 3/8" Barb

## END FITTING (EASY-LOCK)

## MODEL

## SIZE



<b>CA445B Brass</b>	1/4" Coupler 1/4" Barb
<b>CA465B Brass</b>	1/4" Coupler 3/8" Barb
<b>CA665B Brass</b>	3/8" Coupler 3/8" Barb

**WARNING:** Easy-Lock Fittings are designed to be used only with Easy-Lock hose (or equivalent "Lock-On" type hose).

### GRADE "R" TWIN GAS WELDING HOSES

Economical twin line welding hose; the red line is compatible ONLY with acetylene fuel gas, and the green line is compatible with oxygen. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. The cover is resistant to abrasion, heat, mild chemicals and ozone.

#### Construction:

- Tube: Black EPDM
- Reinforcement: Multiple textile plies
- Cover: Red (acetylene) & Green (oxygen) EPDM; smooth finish
- Temp. Range: -40°F to +180°F (-40°C to +80°C)
- Design Factor: 4:1
- Coupled Assemblies: Female welding stem and nut type "B" on each end.

Model #	Grade	Length	ID	Max W.P.
<b>HW44-025</b>	Grade-R	25 Ft.	1/4"	200 PSI
<b>HW44-050</b>	Grade-R	50 Ft.	1/4"	200 PSI
<b>HW44-100</b>	Grade-R	100 Ft.	1/4"	200 PSI



### GRADE "T" TWIN GAS WELDING HOSES

Premium twin line welding hose featuring a flame resistant and oil resistant tube and cover. The red line is compatible with commonly used fuel gases, including acetylene, hydrogen, natural gas, propane and propylene, and the green line is compatible with oxygen. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. The cover is resistant to abrasion, flame, mild chemicals, oil and ozone. Grade "T" is the only grade of welding hose recognized by the Compressed Gas Association (CGA) for oxy-fuel gas welding applications.

#### Construction:

- Tube: Black chloroprene
- Reinforcement: Multiple textile plies
- Cover: Green (oxygen) or Red (fuel gas) chloroprene; smooth finish
- Temp. Range: -40°F to +180°F (-40°C to +80°C)
- Design Factor: 4:1
- Applications: Red: Acetylene, hydrogen, natural gas, propane, propylene. Green: Oxygen
- Coupled Assemblies: Female welding stem and nut Type "B" on each end

Model #	Grade	Length	ID	Max W.P.
<b>HW44-025T</b>	Grade-T	25 Ft.	1/4"	200 PSI
<b>HW44-050T</b>	Grade-T	50 Ft.	1/4"	200 PSI
<b>HW44-100T</b>	Grade-T	100 Ft.	1/4"	200 PSI





## RHINO RUBBER JACK HAMMER HOSES

Red & Yellow Jack hammer hose made by **Interstate Pneumatics** Rubber has a service operating pressure of 300 PSI & a burst pressure of 1200 PSI. This hose comes standard with a 3/4" Universal Twist-Lock. Twist-Lock Couplings that are secured by a steel ferrule or two metal bands.



Model #	Sizes	Color
<b>HJ19-050E</b>	3/4" 50ft.	Red
<b>HJ19-100E</b>	3/4" 100ft.	Red
<b>HJ59-050E</b>	3/4" 50ft.	Yellow
<b>HJ59-100E</b>	3/4" 100ft.	Yellow

Temperature range -65°F to 180°F  
Service operating pressure 300 PSI  
Safety factor 4:1



<b>HJ59-400E</b>	3/4" 100ft. (Red Spool)
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## JACK HAMMER UNIVERSAL TWIST LOCK FITTINGS

The cast carbon steel-zinc coated twist-lock fittings are normally threaded onto a pipe, threaded hose end or manifold which joins to a rubber hose assembly which is connected or disconnected regularly.

### STRAIGHT THROUGH FEMALE THREADED JACK HAMMER COUPLER



Model #	Sizes
<b>CU-800</b>	1/2" FPT
<b>CU-850</b>	3/4" FPT
<b>CU-900</b>	1" FPT

### STRAIGHT THROUGH MALE THREADED JACK HAMMER COUPLER



Model #	Sizes
<b>CU-801</b>	1/2" MPT
<b>CU-851</b>	3/4" MPT
<b>CU-901</b>	1" MPT

### STRAIGHT THROUGH HOSE BARB JACK HAMMER COUPLER



Model #	Sizes
<b>CU-803</b>	1/2" Hose Barb
<b>CU-853</b>	3/4" Hose Barb
<b>CU-903</b>	1" Hose Barb

## JACK HAMMER HOSE SAFETY CABLE



Model #	Sizes
<b>CU-SC2014</b>	1/2" to 1-1/4" Hose ID, 1/8" Steel Double Loop Cable 20" length
<b>CU-SC2414</b>	1-1/2" to 3" Hose ID, 1/4" Steel Double Loop Cable 24" length
<b>CU-SC3814</b>	1-1/2" to 3" Hose ID, 1/4" Steel Double Loop Cable 38" length

## JACK HAMMER HOSE CU COUPLER SAFETY PIN & RUBBER GASKET



Model #	Description
<b>CU-P</b>	Jack Hammer Hose CU Coupler Safety Pin



Model #	Description
<b>CU-R</b>	Jack Hammer Hose CU Coupler Rubber Gasket



## LIGHT BLUE POLYURETHANE BRAIDED HOSE

Interstate Pneumatics polyurethane hoses are made of the finest polyurethane materials which provide maximum resistance to oil, grease and abrasion. Polyurethane has higher flexibility and kink resistance than nylon materials. Their low weight, in comparison to regular rubber hose makes them a favorite for all industrial and automotive applications. The braided construction prevents layers separating from each other due to pulsating operations typically when using nailers and staplers.



Model #	Sizes
<b>HU14-025</b>	1/4" 25ft. (Solid Fitting)
<b>HU14-025S</b>	1/4" 25ft. (Swivel Fitting)
<b>HU14-050</b>	1/4" 50ft. (Solid Fitting)
<b>HU14-050S</b>	1/4" 50ft. (Swivel Fitting)
<b>HU14-100</b>	1/4" 100ft. (Solid Fitting)
<b>HU14-100S</b>	1/4" 100ft. (Swivel Fitting)
<b>HU16-025</b>	3/8" 25ft. (Solid Fitting)
<b>HU16-050</b>	3/8" 50ft. (Solid Fitting)
<b>HU16-100</b>	3/8" 100ft. (Solid Fitting)



Comes with either a solid crimped fitting or a 1/4" MPT Swivel fitting & black rubber boot. Swivel fittings shown.

Temperature range -40°F to 165°F

Working pressure 200 PSI

Safety factor 4:1

Very light weight



Model #	Sizes
<b>HU14-600</b>	1/4" 600ft (Reel)



Model #	Description
<b>HB14SW</b>	1/4" Rubber Boot for Light Blue (HU14 Series) Hose Only



Model #	Sizes	
<b>HU14-025H44</b>	1/4" 25ft.	1/4" - 25 ft. PU Hose installed with a 1/4" Steel Coupler & Plug
<b>HU14-050H44</b>	1/4" 50ft.	1/4" - 50 ft. PU Hose installed with a 1/4" Steel Coupler & Plug
<b>HU14-100H44</b>	1/4" 100ft.	1/4" - 100 ft. PU Hose installed with a 1/4" Steel Coupler & Plug
<b>HU14-100H44BS</b>	1/4" 100ft.	1/4" - 100 ft. PU Hose installed with a 1/4" Brass Slim Coupler & Plug
<b>HU16-025H44</b>	3/8" 25ft.	3/8" - 25 ft. PU Hose installed with a 1/4" Steel Coupler & Plug
<b>HU16-050H44</b>	3/8" 50ft.	3/8" - 50 ft. PU Hose installed with a 1/4" Steel Coupler & Plug
<b>HU16-050H44BS</b>	3/8" 50ft.	3/8" - 100 ft. PU Hose installed with a 1/4" Steel Coupler & Plug
<b>HU16-100H44</b>	3/8" 100ft.	1/4" - 100 ft. PU Hose installed with a 1/4" Brass Slim Coupler & Plug

## RUBBER HOSE WHIPS



Model #	Sizes
<b>HA44-03EBS</b>	1/4" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 3ft.
<b>HA44-06EBS</b>	1/4" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 6ft.
<b>HA44-15EBS</b>	1/4" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 15ft.
<b>HA46-03EBS</b>	3/8" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 3ft.
<b>HA46-025EBS</b>	3/8" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 25ft.
<b>HA46-050EBS</b>	3/8" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 50ft.
<b>HA46-100BS</b>	3/8" red rubber hose, 1/4" MPT x 1/4" MPT ball swivel fitting - 100ft.

Additional whip sizes & hose types are available upon request.

Model Series	Description	Ferrule	Barb End	Boot	Splicer	Repair End	Hose Clamp
HA04	1/4" Translucent-Red PVC Hose (1/4" NPT)	F4750 F7322	FM44 FBS44	HB14SW	FBS44	FM44 FBS44	H580, H613
HA36	3/8" Translucent-Red PVC Hose (1/4" NPT)	F7326	FM46	BA56	FBS66	FM46	H580, H615
HA06	3/8" Blue PVC Hose (1/4" NPT)	F7326	FM46	BA56	FBS66	FM46	H580, H615
HA14	1/4" Translucent-White PVC Hose (1/4" NPT)	F4750 F7322	FM44	BA44	FBS44	FM44	H580, H613
HA16	3/8" Translucent-White PVC Hose (1/4" NPT)	F7326	FM46	BA56	FBS66	FM46	H580, H615
HA26	3/8" Solid Orange PVC Hose (1/4" NPT)	F7326 F0626	FM46	BA56	FBS66	FM46	H580, H615
HA44	1/4" Red Rubber Hose (1/4" NPT)	F7325	FM44	BA44	FBS44	FM44	H580, H615
HA46	3/8" Red Rubber Hose EPDM (1/4" NPT)	F7329	FM46	BA56	FBS66	FM46	H580, H618
HA48	1/2" Red Rubber Hose (1/2" NPT)	F5029A	FM88	n/a	FBS88	FM88	H581
HA54	1/4" Yellow Rubber Hose (1/4" NPT)	F0626 F7325	FM44	BA44	FBS44	FM44	H580, H615
HA56	3/8" Yellow Rubber Hose EPDM (1/4" NPT)	F7329	FM46	BA56	FBS66	FM46	H580, H618
HA58	1/2" Yellow Rubber Hose (1/2" NPT)	F5029A	FM88	n/a	FBS88	FM88	H581
HA66	3/8" Black Rubber Hose (1/4" NPT)	F7329	FM46	BA56	FBS66	FM46	H580, H618
HA84	1/4" Black Steel-Braided Rubber Hose	F7325, F7326	FM44	BA44	FBS44	FM44	H580, H615
HJ19	3/4" Jack Hammer Red Rubber Hose	n/a	CU-853	n/a	n/a	CU-853	H719-9, H582
HJ59	3/4" Jack Hammer Yellow Rubber Hose	n/a	CU-853	n/a	n/a	CU-853	H719-9, H582
	1" Jack Hammer Rubber Hose	n/a	CU-903	n/a	n/a	CU-903	H719-9
HU14	1/4" Light Blue Polyurethane Hose (1/4" NPT)	F4250	FM44	HB14SW	HRPZ24-00	HRPZ24-1, HRPZ24-01	H611 n/a
HU16	3/8" Light Blue Polyurethane Hose (1/4" NPT)	F7326	FM46	n/a	HRPZ26-00	n/a	H615
HR14	1/4" Recoil Yellow Polyurethane Hose with Swivel Fittings (1/4" NPT)	n/a	n/a	n/a	n/a	HRPZ24-0	H611

## PROFESSIONAL GRADE RETRACTABLE HOSE REEL

**Model # HSR80-4**

1/4" x 50 Ft x 1/4" NPT End

**Model # HSR80-64**

3/8" x 50 Ft x 1/4" NPT End

**Model # HSR80-66**

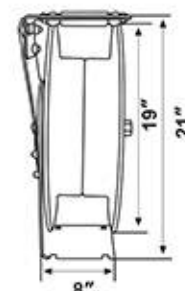
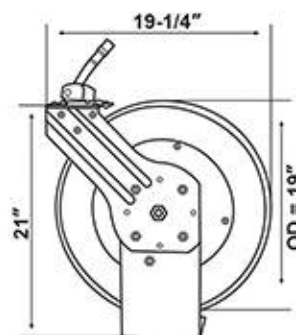
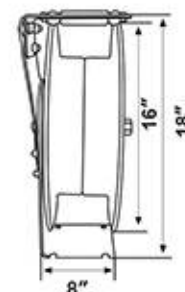
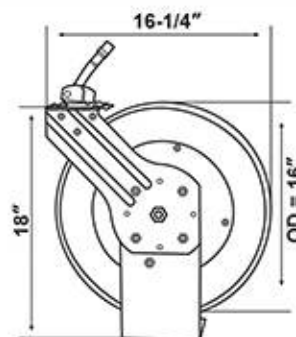
3/8" x 50 Ft x 3/8" NPT End

**Model # HSR90-86**

1/2" x 50 Ft x 3/8" NPT End

**Model # HSR90-88**

1/2" x 50 Ft x 1/2" NPT End



300 PSI W.P. Red Rubber Rhino Hose - Made in Taiwan. Heavy Gauge Steel Construction for Professional Use, Stronger Rewind Spring Design for High Pressure Applications & PTFE Seals.

Swivel Mount	Roller Guide	Swivel Fitting	Retractable Spring Assembly	Rubber Stopper
				
<b>HSR90-SB</b>	<b>HSR90-RG</b>	<b>HSR90-SWA-1/2"</b> <b>HSR90-SWA6-3/8"</b>	<b>HSR90-SA</b>	<b>HSR90-RS4 - 1/4" Hose</b> <b>HSR90-RS6 - 3/8" Hose</b> <b>HSR90-RS8 - 1/2" Hose</b>

Spring Guard	Clamp	Locking Cam Assembly	Thick Roller Guides	Swivel Assembly Bolt
				
<b>HSR90-SG</b>	<b>HSR90-CL</b>	<b>HSR90-CA</b>	<b>HSR90-TR</b>	<b>HSR90-SWB</b>

Swivel mount is an additional accessory and is not part of Hose Reel. Spare parts available (swivel fitting, retractable spring module, rubber stopper, hose)



## POLYURETHANE RECOIL HOSES

**INTERSTATE PNEUMATICS** Polyurethane Recoil Hoses are made of the finest polyurethane materials which provide maximum resistance to oil, grease and abrasion. Their low weight, in comparison to regular rubber hose, makes them a favorite for all industrial and automotive applications. These hoses automatically retract when not in use, eliminating hazards caused by loose hoses on the work floor.

### Salient Features:

- High kink resistance compared to nylon hoses • Extreme flexibility, stretches 25% more compared to nylon hose
- Abrasion resistance 6-10 times more than nylon or rubber hose • Pigtails at each end; supply end 8" long and working end 16" long this keeps the coils away from the tool • Swivel fittings with rubber boot protectors.

## YELLOW 1/4" I.D. POLYURETHANE RECOIL HOSES



Safety factor 3:1  
Temperature range -40°F to 140°F

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 75°F	Fitting Size	Fitting Type
HR14-005	5ft.	2.5"	3.4ft.	125 PSI	1/4" NPT	Swivel
HR14-010	10ft.	5.5"	6.7ft.	125 PSI	1/4" NPT	Swivel
HR14-012	12ft.	6.5"	8ft.	125 PSI	1/4" NPT	Swivel
HR14-015	15ft.	8"	10ft.	125 PSI	1/4" NPT	Swivel
HR14-025	25ft.	13"	17ft.	125 PSI	1/4" NPT	Swivel
HR14-050	50ft.	24"	33.5ft.	125 PSI	1/4" NPT	Swivel
HR14-100	100ft.	53"	67ft.	125 PSI	1/4" NPT	Swivel

## TRANSLUCENT BLUE 1/4" I.D. POLYURETHANE RECOIL HOSES



Safety factor 3:1  
Temperature range -40°F to 140°F

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 75°F	Fitting Size	Fitting Type
HR24-010	10ft.	5"	9ft.	125 PSI	1/4" NPT	Swivel
HR24-015	15ft.	8.5"	13.5ft.	125 PSI	1/4" NPT	Swivel
HR24-020	20ft.	11.5"	18ft.	125 PSI	1/4" NPT	Swivel
HR24-025	25ft.	16"	22.5ft.	125 PSI	1/4" NPT	Swivel
HR24-030	30ft.	19"	27ft.	125 PSI	1/4" NPT	Swivel
HR24-050	50ft.	30"	47ft.	125 PSI	1/4" NPT	Swivel

## RED 1/4" I.D. POLYURETHANE RECOIL HOSES



Safety factor 3:1  
Temperature range -40°F to 140°F

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 70° F	Fitting Size	Fitting Type
HR34-010	10ft.	6"	9ft.	125 PSI	1/4" NPT	Swivel
HR34-015	15ft.	9.5"	13.5ft.	125 PSI	1/4" NPT	Swivel
HR34-020	20ft.	13"	18ft.	125 PSI	1/4" NPT	Swivel
HR34-025	25ft.	16"	22.5ft.	125 PSI	1/4" NPT	Swivel
HR34-030	30ft.	19"	27ft.	125 PSI	1/4" NPT	Swivel
HR34-050	50ft.	33"	47ft.	125 PSI	1/4" NPT	Swivel

\*O.P. Operating pressure

## ORANGE 1/4" I.D. POLYURETHANE RECOIL HOSES



Safety factor 3:1  
Temperature range -40°F to 140°F  
8" & 16" Long Ends

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 70° F	Fitting Size	Fitting Type
HR44-010	10ft.	6"	9ft.	125 PSI	1/4" NPT	Swivel
HR44-015	15ft.	9.5"	13.5ft.	125 PSI	1/4" NPT	Swivel
HR44-020	20ft.	13"	18ft.	125 PSI	1/4" NPT	Swivel
HR44-025	25ft.	16"	22.5ft.	125 PSI	1/4" NPT	Swivel
HR44-030	30ft.	19"	27ft.	125 PSI	1/4" NPT	Swivel
HR44-050	50ft.	33"	47ft.	125 PSI	1/4" NPT	Swivel

## YELLOW 1/4" I.D. POLYURETHANE RECOIL HOSES



Safety factor 3:1  
Temperature range -40°F to 140°F  
8" & 16" Long Ends

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 70° F	Fitting Size	Fitting Type
HR54-010	10ft.	6"	9ft.	125 PSI	1/4" NPT	Swivel
HR54-015	15ft.	9.5"	13.5ft.	125 PSI	1/4" NPT	Swivel
HR54-020	20ft.	13"	18ft.	125 PSI	1/4" NPT	Swivel
HR54-025	25ft.	16"	22.5ft.	125 PSI	1/4" NPT	Swivel
HR54-030	30ft.	19"	27ft.	125 PSI	1/4" NPT	Swivel
HR54-050	50ft.	33"	47ft.	125 PSI	1/4" NPT	Swivel

## BRAIDED-TRANSLUCENT BLUE 1/4" I.D. POLYURETHANE RECOIL HOSES



Burst Pressure: 800 PSI  
Operating Pressure: 200 PSI  
Safety factor 4:1  
Temperature range -40°F to 165°F  
8" & 16" Long Ends

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 70°F	Fitting Size	Fitting Type
HR74-010	10ft.	10"	9.0ft.	200 PSI	1/4" NPT	Solid
HR74-015	15ft.	15"	13.5ft.	200 PSI	1/4" NPT	Solid
HR74-025	25ft.	25"	22.5ft.	200 PSI	1/4" NPT	Solid
HR74-050	50ft.	50"	47.0ft.	200 PSI	1/4" NPT	Solid
HR74-010S	10ft.	10"	9.0ft.	200 PSI	1/4" NPT	Swivel
HR74-015S	15ft.	15"	13.5ft.	200 PSI	1/4" NPT	Swivel
HR74-025S	25ft.	25"	22.5ft.	200 PSI	1/4" NPT	Swivel

## BRAIDED-TRANSLUCENT BLUE 3/8" I.D. POLYURETHANE RECOIL HOSES



Safety factor 4:1  
Temperature range -40°F to 165°F  
8" & 16" Long Ends

Model No.	Hose Length	Stored Length	Working Length	*O.P. @ 70° F	Fitting Size	Fitting Type
HR76-010	10ft.	29.5"	9ft.	200 PSI	1/4" NPT	Solid
HR76-015	15ft.	32.5"	13ft.	200 PSI	1/4" NPT	Solid
HR76-025	25ft.	38"	21ft.	200 PSI	1/4" NPT	Solid
HR76-050	50ft.	44"	42ft.	200 PSI	1/4" NPT	Solid

\*O.P. Operating Pressure



## RECOIL HOSES WITH SWIVEL FITTINGS &amp; BLOWGUN



**HR14-012B** 1/4" 12ft. long w/1/4" NPT Swivel Fittings, Recoil Yellow PU Hose + Blowgun

**HR14-025B** 1/4" 25ft. long w/1/4" NPT Swivel Fittings, Recoil Yellow PU Hose + Blowgun

## HOSE ACCESSORIES

## REUSABLE BRASS FITTINGS

**INTERSTATE PNEUMATICS** Reusable Brass Fittings are attached to the hose with a threaded connection. **Interstate Pneumatics** also offers In-line fittings in case the hose needs replacement somewhere in the middle instead of being at the ends for field repair. IP reusable fittings are available as swivel/non-swivel. Swivel fittings are specially designed to work on Interstate Pneumatics HR & PU series hoses.

## REUSABLE IN-LINE REPAIR FITTING



<b>Model #</b>	<b>Hose Size</b>
<b>HRPZ24-00</b>	1/4" Hose
<b>HRPZ26-00</b>	3/8" Hose

## REUSABLE NON-SWIVEL FITTING



<b>Model #</b>	<b>NPT</b>	<b>Hose Size</b>
<b>HRPZ24-01</b>	1/4" NPT	1/4" Hose
<b>HRPZ26-01</b>	1/4" NPT	3/8" Hose
<b>HRPZ26-06</b>	3/8" NPT	3/8" Hose

REUSABLE SWIVEL FITTING 1/4" HR SERIES  
PU RECOIL HOSE

<b>Model #</b>	<b>NPT Size</b>
<b>HRPZ24-0</b>	1/4"

REUSABLE SWIVEL FITTING 1/4" HU  
SERIES PU HOSE

<b>Model #</b>	<b>NPT Size</b>
<b>HRPZ24-1</b>	1/4"



## CRIMPING TOOLS

Interstate Pneumatics Crimping Tools are designed for use with standard brass ferrules for permanent hose assembly and repairs. H-1, H-4, H-5, H-6 and H-8 feature the exclusive 'Nipple Jaw' design that makes a 'Groove Lock' crimp which results in a much stronger hold with no sharp edges on the ferrule. The H8 has five dies and is ideal for bench mounting.

## STRAIGHT HAMMER/VISE TYPE CRIMPING TOOL



Model #	Description
<b>H1</b>	2 Opening 2 Dies for 3/16" & 1/4" Hose Die O.D. = 0.420" / 0.550"

## V-GRIP TYPE CRIMPING TOOL



Model #	Description
<b>H4</b>	3 Opening 3 Dies for 8, 9, & 11mm Hose O.D. (1/8", 3/16" Hose ID)



Model #	Description
<b>H5</b>	2 Opening 2 Dies for 5/16" & 1/4" Hose Die O.D. = 0.625" / 0.560"

Model #	Description
<b>H6</b>	2 Opening 2 Dies for 1/4" & 3/8" Hose Die O.D. = 0.560" / 0.725"

## HEAVY DUTY CRIMPING TOOL WITH 5 DIES



Model #	Description
<b>H8</b>	Made of ductile cast iron and heat treated steel dies. Extra thick die carriage and a thicker hinge point for extra strength. Provides production capability crimping advantage at a much lower price. Mounting holes for permanent installation. <b>Comes with five dies for crimping:</b> Die sizes: 0.41", 0.47", 0.52", 0.57", 0.64" 1/4" One Braid, 5/16" One braid, 5/16" Two Braid, 3/8" One Braid and 3/8" Two Braid PVC & Rubber Hoses Dies are compatible with dies available from other brands.

## STRAIGHT JAW EAR CLAMP PINCERS



Model #	Description
<b>H11</b>	Straight-jaw pincers for use with ear-type clamps in hose fitting installation and removal. Tool acts at 90-degree angle to ear clamp for use where space is limited. Clamps or cuts ear clamps that secure hose fittings. Forged steel construction for strength and durability. Rubber-coated handles for ease of use and sure hold.

## MANUAL-BENCHTOP HYDRAULIC HOSE CRIMPER



This heavy-duty hydraulic hose crimper is very portable and ideal for shop and field applications. Open design accommodates a wide range of hose and fitting types. Open design provides excellent operator visibility.

Model #	Description
<b>H10-4</b>	<b>1/4" &amp; 5/16" HOSE CRIMPER</b> for crimping 1/4" & 5/16" PVC & Rubber Hoses
<b>H10-6</b>	<b>3/8" &amp; 1/2" HOSE CRIMPER</b> for crimping 3/8" & 1/2" PVC Hoses
<b>H10-8</b>	<b>1/2" &amp; 3/4" HOSE CRIMPER</b> for crimping 1/2" & 3/4" PVC & Rubber Hoses

CRIMPER DIE



- Ideal for small production
- Economical compact design
- Solid steel construction
- Six-piece die design for a perfect looking crimp
- Base plate holes to bolt down for bench use
- Two-piece handle included



CRIMPED ENDS

## H13 - 3/8" CV JOINT BOOT CLAMP CRIMPER WITH CUTTER



This tool is essential for fixing CV boots. With a built in cutter and ratcheting winding mechanism the banding can be tightened and cut quickly and effectively.

## H14 - RATCHETING STYLE CENTER PUNCH HAND TOOL 5/8" CRIMPER



Center Punch Clamp Tensioner. Use this Ratcheting action tensioning center punch 5/8" tool crimper to install push lock preformed clamps on large hoses.

## H15 - STAINLESS STEEL STRAPPING & BANDING TOOL



Stainless Steel Strapping & Banding Tool. Extra heavy duty production model with a premium tension handle, spring loaded gripper, built-in cutter and screw rod for added torque and durability. Steel strapping, banding, crimping and cutting tool that serves a wide variety of applications - 1/4" to 1" wide Strap. Delivers up to 2400 lbs. of torque. Available in a silver rust resistant finish.

**Note:** Should be used by a trained person.



## BRASS FERRULES

Interstate Pneumatics Brass Hose Ferrules, when used with a crimping tool and a standard hose barb fitting, are designed for permanent hose assembly and repairs. Select ferrule with Inside Diameter (I.D.) slightly larger than Outside Diameter (O.D.) of hose. Place ferrule on hose, insert standard hose barb fitting and crimp.



**12 Ferrules in a  
See Through Clear Clamshell**

Model No.	Size ID x Length
<b>F0622-12</b>	0.380" ID x 0.500"
<b>F0626-12</b>	0.375" ID x 0.488"
<b>F4250-12</b>	0.400" ID x 0.710"
<b>F0769-12</b>	0.450" ID x 0.550"
<b>F4750-12</b>	0.478" ID x 0.688"
<b>F7322-12</b>	0.500" ID x 1.0"
<b>F7323-12</b>	0.525" ID x 1.0"
<b>F7324-12</b>	0.531" ID x 1.0"
<b>F7325-12</b>	0.562" ID x 1.0"
<b>F7326-12</b>	0.593" ID x 1.0"
<b>F7327-12</b>	0.625" ID x 1.0"
<b>F7328-12</b>	0.656" ID x 1.0"
<b>F7329-12</b>	0.687" ID x 1.0"
<b>F7330-12</b>	0.718" ID x 1.0"
<b>F7331-12</b>	0.750" ID x 1.0"
<b>F7332-12</b>	0.781" ID x 1.0"
<b>F7333-12</b>	0.812" ID x 1.0"
<b>F5029A-12</b>	0.900" ID x 0.875"
<b>F7242A-12</b>	0.937" ID x 0.844"



**50 Ferrules in a  
See Through Clear Clamshell**

Model No.	Size ID x Length
<b>F0622-50</b>	0.380" ID x 0.500"
<b>F0626-50</b>	0.375" ID x 0.488"
<b>F4250-50</b>	0.400" ID x 0.710"
<b>F0769-50</b>	0.450" ID x 0.550"
<b>F4750-50</b>	0.478" ID x 0.688"
<b>F7322-50</b>	0.500" ID x 1.0"
<b>F7323-50</b>	0.525" ID x 1.0"
<b>F7324-50</b>	0.531" ID x 1.0"
<b>F7325-50</b>	0.562" ID x 1.0"
<b>F7326-50</b>	0.593" ID x 1.0"
<b>F7327-50</b>	0.625" ID x 1.0"
<b>F7328-50</b>	0.656" ID x 1.0"
<b>F7329-50</b>	0.687" ID x 1.0"
<b>F7330-50</b>	0.718" ID x 1.0"
<b>F7331-50</b>	0.750" ID x 1.0"
<b>F7332-50</b>	0.781" ID x 1.0"
<b>F7333-50</b>	0.812" ID x 1.0"
<b>F5029A-50</b>	0.900" ID x 0.875"
<b>F7242A-50</b>	0.937" ID x 0.844"

**500 Pcs & 1000 Pcs Box Quantities  
are also available for all the above sizes**



**H6FK 33 PIECE RHINO RUBBER / CRIMPER / FERRULE REPAIR KIT**

This Kit can be used to repair 1/4" & 3/8" Rhino Rubber Hoses.

Kit Includes:

**FM44** - 1/4" MPT x 1/4" Hose Barb Male (04)

**FM46** - 1/4" MPT x 3/8" Hose Barb Male (04)

**FBS44** - 1/4" Brass Hose Barb Splicer (04)

**FBS66** - 3/8" Brass Hose Barb Splicer (04)

**F7326** - 0.593" ID x 1.0" Ferrules (08)

**F7330** - 0.718" ID x 1.0" Ferrules (08)

**H6** - V-Grip type Crimping Tool- 2 Dies for 3/8" + 1/4" Hose (01)

Comes in a Plastic Reusable Case.

## HOSE CLAMPS (BAND W/SCREW)

Interstate Pneumatics Stainless Steel Hose Clamps are ideal for temporary assembly & rapid field-type repair of hoses. Clamps have Stainless Steel bands with plated Steel Screws.



Model No.	Width	Description
<b>H580</b>	7/16"	1/4" to 5/8" OD Hose Clamp
<b>H581</b>	7/16"	3/8" to 7/8" OD Hose Clamp
<b>H581W</b>	1/2"	7/16" to 1" OD Hose Clamp
<b>H582</b>	1/2"	1/2" to 1-1/4" OD Hose Clamp
<b>H583</b>	1/2"	3/4" to 1-3/4" OD Hose Clamp
<b>H584</b>	1/2"	1-5/16" to 2-1/4" OD Hose Clamp
<b>H585</b>	1/2"	1-13/16" to 2-3/4" OD Hose Clamp

## DOUBLE EAR CLAMPS



Model No.	Description
<b>H609</b>	1/4" to 3/8" OD Range
<b>H611</b>	3/8" to 7/16" OD Range
<b>H613</b>	7/16" to 1/2" OD Range
<b>H615</b>	1/2" to 9/16" OD Range
<b>H618</b>	9/16" to 11/16" OD Range

## PERFORMED CENTER PUNCH CLAMPS



5/8" Wide  
Stainless Steel Band

Model No.	Description
<b>H719</b>	Clamp for 3/4" Hose
<b>H719-9</b>	Clamp for 1" Hose

## CV BOOT BAND CLAMP ROUND TYPE



Width: 0.25"  
Thickness: 0.010"

Model No.	Dia Range
<b>H910</b>	1" to 3"
<b>H920</b>	1" to 5"

## PRESSURE RELIEF VALVES

**Interstate Pneumatics** Pressure relief valves are ASME certified safety devices which are designed to divert pressure in the event that a pressurized system of some kind encounters a problem which leads to a dangerous rise in pressure. Pressure relief valves are extremely useful, and required by law for safety reasons.

- **Body:** Brass
- **Spring:** Zinc plated steel
- **Seal:** Silicon rubber
- **Max Temp. Range:** 150°F



Model No.	Description	SCFM	Model No.	Description	SCFM
<b>V095-4</b>	1/4" MPT w/pull Ring - 95 PSI	45	<b>V165-4</b>	1/4" MPT w/pull Ring - 165 PSI	54
<b>V140-4</b>	1/4" MPT w/pull Ring - 140 PSI	45	<b>V165-8</b>	1/8" MPT w/pull Ring - 165 PSI	54
<b>V140-8</b>	1/8" MPT w/pull Ring - 140 PSI	45	<b>V200-4</b>	1/4" MPT w/pull Ring - 200 PSI	62

## BALL VALVES - BRASS

**Interstate Pneumatics** Ball Valves feature forged brass bodies to provide extended service life and resistance to damage caused by extreme temperature applications. Inert PTFE seats and seals provide excellent corrosion resistance. Long handle allows more leverage for easy on/off operation.

- **Handle:** Steel with rubber coating
- **Valve body:** Forged brass
- **Seals:** PTFE
- **Stem:** Brass



Model No.	Inlet Thread	Outlet Thread	Working Pressure
<b>VB04</b>	1/4" FPT	1/4" FPT	600 PSI
<b>VB06</b>	3/8" FPT	3/8" FPT	600 PSI
<b>VB08</b>	1/2" FPT	1/2" FPT	600 PSI
<b>VB12</b>	3/4" FPT	3/4" FPT	600 PSI
<b>VB16</b>	1" FPT	1" FPT	600 PSI

## BALL VALVES



**Interstate Pneumatics** Ball valve is ideal for use in in-line applications. Brass body with zinc plated handle to eliminate rust. Rated at 225 PSI service operating pressure.

Model No	Inlet Thread	Outlet Thread
<b>VB440</b>	1/4" FPT	1/4" MPT
<b>VB660</b>	3/8" FPT	3/8" MPT
<b>VB880</b>	1/2" FPT	1/2" MPT

## IN-LINE BLEED VALVE



**Interstate Pneumatics** All brass construction with 1/4" in-line adjustable bleed valve. The knurled round handle can be used to adjust the volume requirement. Rated at 225 PSI service operating pressure.

Model No	Inlet Thread	Outlet Thread
<b>VR440</b>	1/4" MPT	1/4" FPT



## 2 WAY LEVER VALVES



**Interstate Pneumatics 2 Way Lever action Valve** features chrome plated die cast bodies, brass working parts and Buna-N (Nitrile) O-Rings. Rated at 225 PSI service operating pressure.

Model No	Inlet Thread	Outlet Thread
<b>VL700</b>	1/4" FPT	1/4" FPT



**Radiator Faucet  
with Rubber Nozzle**

**Interstate Pneumatics Radiator faucet** has chrome-plated body with brass internal parts for strength and durability. The molded rubber nozzle with a 90° rubber tip provides resistance to shocks resulting from high pressure. The faucet has a lever controlled valve to maintain flow rate.

Model No	Inlet Thread
<b>RF40</b>	1/4" FPT

## DRAIN COCK VALVES



**Knurled Knob**

**Interstate Pneumatics Drain Cock Valve** features solid brass construction and an internal seal design for a positive metal to O-Ring seal. Ideal for use in a variety of draining and bleeding applications. Maximum operating pressure 225 PSI.

Model No	Description
<b>VP42</b>	1/4" MPT - Knurled Knob Type



**Wing Flange**

**Interstate Pneumatics Wing Flange Drain Cock Valve** with a Zinc plated handle has external seal design for a positive metal to metal seal. Ideal for use in a variety of draining and bleeding applications. Maximum operating pressure 225 PSI.

Model No	Description
<b>VP21</b>	1/8" MPT - Wing Flange Type
<b>VP41</b>	1/4" MPT - Wing Flange Type

## MINI DRAIN VALVE

**Interstate Pneumatics 1/4" Mini Drain Valve for Air Compressors.** Just install this drain valve in your compressor and prevent water and air leakage. Maximum operating pressure 225 PSI.

Model No	Inlet Thread	Outlet Thread
<b>VP40</b>	1/4" FPT	1/4" MPT
<b>VP40B</b>	1/4" FPT	1/4" MPT



**VP40**



**VP40B**

## BRASS BUTTON VALVE



**Interstate Pneumatics Button Valve** features solid brass construction, and Buna-N (Nitrile) seals. Normal valve position is closed. Ideal for air and liquid lines operating at up to 225 PSI working pressure.

Model No	Inlet Thread	Outlet Thread
<b>VBT44</b>	1/4" FPT	1/4" FPT

## IN-LINE NEEDLE VALVES

Interstate Pneumatics In-Line Needle Valves control gas flow from shutoff to full system flow. Solid brass construction for durability. Available with or without 1-1/2" x 160 PSI gauge. Maximum service operating pressure 225 PSI.



Model No.	Inlet Thread	Outlet Thread
<b>VR160</b> w/o Gauge	1/4" FPT	1/4" MPT



Model No.	Inlet Thread	Outlet Thread
<b>VR161</b> w Gauge	1/4" FPT	1/4" MPT

## TANK VALVES

The Tank valves have all brass construction. Tank valve find their applications in pneumatics storage tanks.



**VT2** Standard valve core & sealing cap with 1/8" NPT



**VT4** Standard valve core & sealing cap with 1/4" NPT

## PUSH BUTTON BLEEDER VALVE



Interstate Pneumatics Bleeder valve provides simple push-button bleeding for compressed air and liquid systems. Plated steel construction provides excellent corrosion resistance. Pressure rating 225 PSI.

Model No.	Thread Size
<b>V11B</b>	1/16" MPT

## ADAPTER FOR USE WITH A BLEEDER VALVE (V11B)



**TGF4000** 1/4" FPT x 1/4" Hose barb Chrome coated brass adaptor. Designed for use with a 1/16" NPT push button bleeder valve (V11B). Mainly used on tire inflators.

## ADAPTER FOR USE WITH A BLEEDER VALVE (V11B)



**TGF4004** 1/4" FPT x 1/4" MPT Chrome coated brass adaptor. Designed for use with a 1/16" NPT push button bleeder valve (V11B). Mainly used on tire inflators.

## PNEUMATIC CHECK VALVE

Prevent high air pressure from traveling back from the RECEIVER to the Pump. This One-Way Check Valve is ideal to block back-flow of air. Two female threads (NPT style) for most static and in-line applications.



**VC-440** 1/4" FPT x 1/4" FPT  
**VC-660** 3/8" FPT x 3/8" FPT

## HAND OPERATED SLIDE-VALVE

Ideal for pneumatic flow control in various applications. Installed "In-Line" as an ON/OFF mechanism for compressed air lines in industrial automation, construction needs and equipment actuators.



**VS-440** 1/4" FPT x 1/4" MPT  
**VS-660** 3/8" FPT x 3/8" MPT

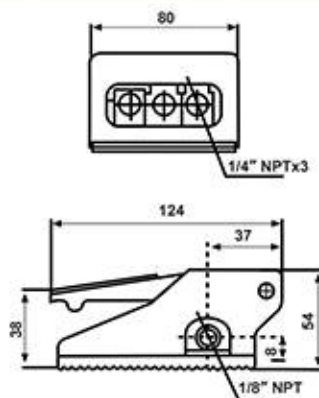
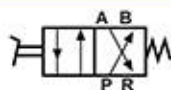
Temperature Range: 20°F - 150°F



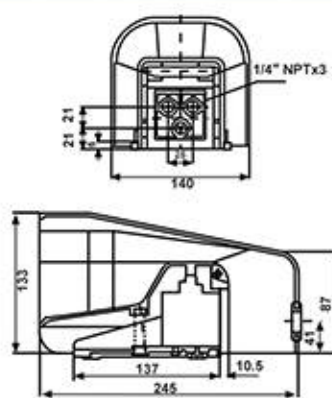
## PNEUMATIC FOOT PEDAL VALVES

**Model # VFP440**

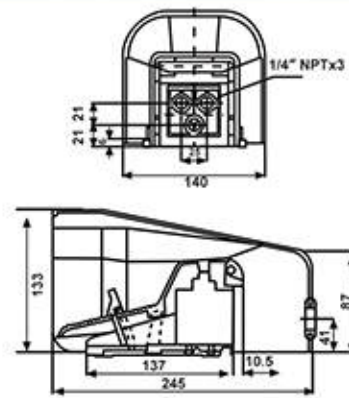
2 Position, 3 Port  
1/4" Foot Pedal Valve

**DIMENSIONAL DIAGRAM****VALVE SYMBOL****Model # VFP440C**

2 Position, 3 Port  
1/4" Foot Pedal Valve  
with Protective Shield

**DIMENSIONAL DIAGRAM****VALVE SYMBOL****Model # VFP440CL**

2 Position, 3 Port  
1/4" Foot Pedal Valve with  
Protective Shield & Lock

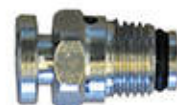
**DIMENSIONAL DIAGRAM****VALVE SYMBOL****TECHNICAL PARAMETERS:**

Fluid Used	Clean Air
Operating Method	Direct Action Type
Pressure Range PSI	0 ~ 150
Allowable Temperature Range °F	20 ~ 140
Max Pressure Rating PSI	225
Lubrication	Not Required
Service Life	≥ 1 Million Cycles



## ALL PURPOSE DRY PRESSURE GAUGES

Interstate Pneumatics Dry Pressure Gauges are suitable for a wide range of applications for air, water, oil or other fluids which are compatible with brass and bronze. Painted, pressed steel case and shatterproof polycarbonate clear plastic provides durability and safety. Interstate Pneumatics Rear Mount Gauge inlet threads are positioned in the back (rear) center area.



**V11B** 1/16" MPT  
push button bleeder valve



**TGF4000** 1/4" FPT x 1/4"  
hose barb chrome coated brass adaptor



**TGF4004** 1/4" FPT x 1/4" MPT  
hose barb chrome coated brass adaptor


Model	Range	Dial Dia.	Case/Bezel	Port Size/Port Direction
<b>G2001-030</b>	0 - 30 PSI	1-1/2"	Black	1/8" NPT Bottom Mount
<b>G2001-160</b>	0 - 160 PSI	1-1/2"	Black	1/8" NPT Bottom Mount
<b>G2001-200</b>	0 - 200 PSI	1-1/2"	Black	1/8" NPT Bottom Mount
<b>G2012-015</b>	0 - 15 PSI	2"	Black	1/4" NPT Bottom Mount
<b>G2012-060</b>	0 - 60 PSI	2"	Black	1/4" NPT Bottom Mount
<b>G2012-160</b>	0 - 160 PSI	2"	Black	1/4" NPT Bottom Mount
<b>G2012-200</b>	0 - 200 PSI	2"	Black	1/4" NPT Bottom Mount
<b>G2012-300</b>	0 - 300 PSI	2"	Black	1/4" NPT Bottom Mount
<b>G2012-300C</b>	0 - 300 PSI	2"	Chrome	1/4" NPT Bottom Mount
<b>G2012-400</b>	0 - 400 PSI	2"	Black	1/4" NPT Bottom Mount
<b>G2022-060</b>	0 - 60 PSI	2-1/2"	Black	1/4" NPT Bottom Mount
<b>G2022-160</b>	0 - 160 PSI	2-1/2"	Black	1/4" NPT Bottom Mount
<b>G2022-300</b>	0 - 300 PSI	2-1/2"	Black	1/4" NPT Bottom Mount
<b>G2024-030V</b>	0 - 30 PSI	2-1/2"	Black	1/4" NPT HG Vacuum
<b>G2032-160</b>	0 - 160 PSI	3"	Black	1/4" NPT Bottom Mount
<b>G2100-160</b>	0 - 160 PSI	1-1/4"	Black	1/8" NPT Rear Mount
<b>G2101-030</b>	0 - 30 PSI	1-1/2"	Black	1/8" NPT Rear Mount
<b>G2101-060</b>	0 - 60 PSI	1-1/2"	Black	1/8" NPT Rear Mount
<b>G2101-160</b>	0 - 160 PSI	1-1/2"	Black	1/8" NPT Rear Mount
<b>G2101-200</b>	0 - 200 PSI	1-1/2"	Black	1/8" NPT Rear Mount
<b>G2111-160</b>	0 - 160 PSI	2"	Black	1/8" NPT Rear Mount
<b>G2112-160</b>	0 - 160 PSI	2"	Black	1/4" NPT Rear Mount
<b>G2112-200</b>	0 - 200 PSI	2"	Black	1/4" NPT Rear Mount
<b>G2112-300</b>	0 - 300 PSI	2"	Black	1/4" NPT Rear Mount
<b>G2122-160</b>	0 - 160 PSI	2-1/2"	Black	1/4" NPT Rear Mount



**GX20 2" Pressure Gauge Rubber Protector**

## OIL FILLED PRESSURE GAUGES

Interstate Pneumatics Oil filled gauges are filled with silicon based oil (Dimethyle Silicon). These gauges last longer because they have fewer moving parts. The oil filled gauge helps dampening pointer vibration and eliminates corrosion resulting from condensed water when installed in areas that have humid air. The oil thus minimizes wear and tear on the more delicate parts of the device.



Model	Range	Dial Dia.	Case/Bezel	Port Size/Port Direction
<b>G7022-160</b>	0 - 160 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-300</b>	0 - 300 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-500</b>	0 - 500 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-1000</b>	0 - 1000 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-1500</b>	0 - 1500 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-2000</b>	0 - 2000 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-2500</b>	0 - 2500 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-3000</b>	0 - 3000 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7022-3500</b>	0 - 3500 PSI	2-1/2"	Chrome	1/4" NPT Bottom Mount
<b>G7122-160</b>	0 - 160 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-300</b>	0 - 300 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-500</b>	0 - 500 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-1000</b>	0 - 1000 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-1500</b>	0 - 1500 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-2000</b>	0 - 2000 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-2500</b>	0 - 2500 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-3000</b>	0 - 3000 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount
<b>G7122-3500</b>	0 - 3500 PSI	2-1/2"	Chrome	1/4" NPT Rear Mount

CO<sub>2</sub> PRESSURE GAUGE

**G2042-2000**  
 Range: 0 - 2000PSI  
 Dial Dia.: 2"  
 Case/Bezel: Black  
 Port Size: 1/4" NPT  
 Port Direction: Right Side Mount

## WATER PRESSURE GAUGE



**G2012-200W**  
 Pressure Range: 0-200 PSI  
 Dial Diameter: 2"  
 Fitting: 3/4" Female GHT Fitting



## TIRE CHUCKS

The Air Line Chucks in this catalog are designed based on existing standards and are compatible with the industry standards for pneumatic applications. Max pressure rating for these chucks is 175 PSI.

**WARNING:** Chucks for "Live Air Line Only" have a built-in shut-off valve and will not work on inflator gauges. Chucks for "Inflator Gauges Only" do not have a shut-off valve and will not work on live air lines.

## 1/4" FPT STRAIGHT LOCKING FOOT CHUCK WITH CLIP



**T02** 1/4" FPT Straight Locking Foot Chuck with Clip and Shut-off Valve. Heavy Duty Brass construction ensures durability and rust resistance. The Clip-On feature firmly locks onto the valve while inflating the tire. The built in Auto Shut Off valve stops air flow and prevents wastage when chuck is not in use.

**T32** 1/4" FPT Straight Locking Foot Chuck without internal Shut-off Valve. Heavy Duty Brass construction ensures durability and rust resistance. The Clip-On feature securely locks onto the valves while inflating the tire and pushed forward. Intended for use on valved air lines, inflation gauges and tire installation machines.

## T03 ANGLED BALL FOOT CHUCK WITH CLIP



Machined brass body, 1/4" NPTF inlet threads, internal shut-off valve for use on live air lines only. The clip locks chuck onto valve stem for "Hands-Free" operation. Fits long valve stems also.

## T07 HOSE BARB ANGLE BALL FOOT CHUCK



1/4" Hose Barb, internal shut-off valve for use on live air lines only. Fits long valve stems.

## T19 SLEEVE LOCK STRAIGHT-IN BRASS CHUCK 1/4" FPT



Machined brass body, 1/4" NPTF inlet threads, internal shut-off valve for use on live air lines only. The sleeve locks the chuck onto valve stem for "Hands-Free" operation. Fits long valve stems also.

## T04 ANGLED BALL FOOT CHUCK



Machined brass body, 1/4" NPTF inlet threads, internal shut-off valve - for use on live air lines only. Fits long valve stems.

## T05 ANGLE-IN TAPERED CHUCK



**T05** 1/4" NPTF inlet threads, internal shut-off valve. Designed for easy use with sport (alloy) wheels.

**T35** Same as **T05** but without internal shut-off valve. Cast Zinc Chrome Coated.

## T20 SLEEVE LOCK STRAIGHT-IN BRASS CHUCK 1/4" HOSE BARB



Machined brass body, 1/4" Hose Barb. No internal shut-off valve for use on inflator gauges only. The sleeve locks the chuck onto valve stem for "Hands-Free" operation. Fits long valve stems also.

## T06 STRAIGHT-IN TAPERED CHUCK



1/4" NPTF inlet threads, internal shut-off valve for use on live air lines only. Ideal for use on recessed valve stems.

**T36** Same as **T06** but without internal shut-off valve for use on inflator gauges only.

## T46 STRAIGHT-IN TAPERED CHUCK



1/4" Hose barb inlet threads. No internal shut-off valve for use on inflator gauges only. Ideal for use on recessed valve stems.



**STRAIGHT-IN DUAL FOOT TILT-LOCK TRUCK CHUCK**

1/4" NPTF inlet threads, internal shut-off valve. Designed to fit both valves on dual wheels. Pressure rating 180 PSI max.

Model #	Length
<b>T08</b>	6"
<b>T08L</b>	11"

**DUAL FOOT TRUCK CHUCK**

1/4" NPTF inlet threads. No internal shut-off valve for use on tire inflator only. Designed to fit both valves on dual wheels. Pressure rating 180 PSI max.

Model #	Length
<b>T37</b>	6"
<b>T37L</b>	11"

Interstate Pneumatics Tire Pressure Gauges feature chrome plated metal construction and are designed for long, reliable service life. Four sided **Black Anodized** Aluminum slide out scale features white printing for easy reading from any angle.

**TG192 HEAVY DUTY TRUCK GAUGE**

Range 10 - 150 PSI. 12-3/4" Long

Heavy duty truck gauge with angle head. Designed for fleet use. Angled dual foot allows easy servicing of both valves on dual wheels.

**TG193 STRAIGHT-OUT DUAL FOOT SERVICE TIRE GAUGE**

Range 10 - 150 PSI. 13-1/2" Long

Straight-on dual foot service. Designed for difficult-to-reach inner dual. Straight-On chuck for inside wheels.

**TG195 POCKET GAUGE WITH ANGLE HEAD**

Range 10 - 50 PSI. 5-3/4" Long

Pocket gauge with angle head for passenger cars and light trucks.

**TG198 POCKET GAUGE WITH DUAL FOOT HEAD**

Range 20 - 120 PSI. 5-3/4" Long

Pocket gauge with dual foot head. Angled dual foot allows easy servicing of both valves on dual wheels.

## TIRE CHUCKS WITH DIAL PRESSURE GAUGES

Interstate Pneumatics Dial Pressure Gauges feature a 2" dial gauge with large easy to read markings in black (PSI) and solid brass fittings, 12" oil resistant hose, a bleeder valve for relieving pressure, and a rubber boot to protect the gauge from shock damage. These gauges provide extreme accuracy and long life in the most rugged applications.



TG236



TG336



**Comes with a Brass Straight Chuck only**

Model No.	Dial Size	Type	Working Pressure Range
<b>TG236</b>	2"	Straight Chuck	0 - 60 PSI
<b>TG336</b>	2"	Straight Chuck	0 - 160 PSI

Tapered  
Angle Chuck

**Comes with a 12" Long Rhino Rubber Oil Resistant Hose with a Button style Bleeder Valve**

Model No.	Dial Size	Type	Working Pressure Range
<b>TG2135</b>	2"	Tapered Angle Chuck	0 - 15 PSI
<b>TG2235</b>	2"	Tapered Angle Chuck	0 - 60 PSI
<b>TG2335</b>	2"	Tapered Angle Chuck	0 - 160 PSI



**Comes with a 12" Long Rhino Rubber Oil Resistant Hose with a Button style Bleeder Valve**

Model No.	Dial Size	Type	Working Pressure
<b>TG2308</b>	2"	Dual Foot Chuck and 30° Reverse angle for outside wheel	0 - 160 PSI

Interstate Pneumatics Tire Inflators are available in four body styles; medium duty, for passenger cars and light trucks, heavy duty, for large trucks and heavy duty dial gauge tire inflators (for easier reading) for all vehicles. **Comes standard with a 1/4" Red Rhino Rubber Hose. Upgrade to a steel braided flexible oil & Ozone resistant black rubber hose.**

	Straight-In Tapered Chuck Fits recessed valve holes.		Angle-In Tapered Chuck Designed for easy use with most sport (alloy) wheels.
<b>TF3000 Series Medium Duty Inflator</b> - for passenger cars & light trucks. Indicates 10-90 PSI in 2 PSI increments.	<b>TF3146 Chuck with TF3000 Inflator Straight-in</b>		<b>TF3135 Chuck with TF3000 Inflator Angle-in Tapered</b>
			
<b>TF5000 Series Heavy Duty Inflator</b> - for large trucks. Indicates 10-120 PSI in 2 PSI increments.	<b>TF5146 Chuck with TF5000 Inflator Straight-in Tapered</b>		<b>TF5135 Chuck with TF5000 Inflator Angle-in Tapered</b>
			
<b>TF7000 Series Heavy Duty Dial Inflator</b> - for use on all vehicles. Indicates 5-160 PSI in 5 PSI increments.	<b>TF7146 Chuck with TF7000 Inflator Straight-in Tapered</b>		<b>TF7135 Chuck with TF7000 Inflator Angle-in Tapered</b>
			
<b>TF9000 Series Heavy Duty Inflator</b> - for large trucks. Indicates 10-120 PSI in 2 PSI increments.	<b>TF9146 Chuck with TF9000 Inflator Straight-in Tapered</b>		<b>TF9135 Chuck with TF9000 Inflator Angle-in Tapered</b>
 Bubble Window			
<b>Whip-Ends</b> Replacement tire inflator hose assemblies with ultra flexible oil and ozone resistant rubber hose, brass fittings, and chucks. Inflator end fitting is 3/8" - 24 UNF Male thread (No. FMS64T).  <b>Upgrade to a steel braided hose whip.</b>  <b>Use a "W" suffix to upgrade to a steel braided whip.</b>	<b>TW146 Chuck Straight-in Tapered (T46) with 12" whipend</b>		<b>TW135 Chuck Angle in Taper (T05) with 12" whipend</b>
			
	TW100 w/o Chuck (T46)		TW100 w/o Chuck (T05)



Interstate Pneumatics Tire Inflators features chrome plated metal castings, precision machined brass internal parts, and Buna-N (Nitrile) O-rings. All models have 1/4" NPTF inlet threads with standard tolerance of  $\pm 3\%$ .

**Dual Foot 6" & 11" Extension  
Truck Chuck**  
Fits both valves on dual wheels.

**Straight-In Tapered Chuck**  
Fits recessed valve holes.

**TF3137 6" Ext - TF3137L 11" Ext**  
Chuck with TF3000 Inflator  
for Trucks Dual Foot



**TF5137 6" Ext - TF5137L 11" Ext**  
Chuck with TF5000 Inflator  
for Trucks Dual Foot



**TF7137 6" Ext - TF7137L 11" Ext**  
Chuck with TF7000 Inflator  
for Trucks Dual Foot



**TF9137 6" Ext - TF9137L 11" Ext**  
Chuck with TF9000 Inflator  
for Trucks Dual Foot



**TW137 12" Whipend w/T37 6" long Chuck**  
**TW137L 12" Whipend w/T37 11" long Chuck**



**TF5108B 6" Ext - TF5108BL 11" Ext**  
Inflator Heavy Duty for Trucks  
Straight-in Dual Foot



**TF7108 6" Ext - TF7108L 11" Ext**  
Chuck with TF7000 Inflator  
for Trucks Straight-in Dual Foot



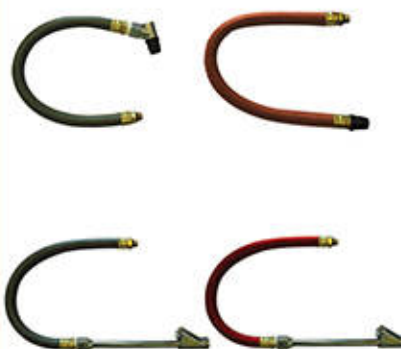
**TF9108 6" Ext - TF9108L 11" Ext**  
Inflator Heavy Duty for Trucks  
Straight-in Dual Foot



**TW108 12" Whipend w/T08 6" long Chuck**  
**TW108L 12" Whipend w/T08L 11" long Chuck**



TW108B same as TW108 w/bleed valve



Use a "W" suffix to upgrade to a steel braided whip.

## 4 WAY TIRE VALVE STEM CORE REMOVER / INSTALLER / REPAIR RETHREADER TOOL

**Model # TCT1**

Exterior Valve Rethreader Interior Valve Rethreader Tire Valve Core Remover / Installer

## TIRE VALVE CORE REMOVAL TOOLS

**Model #****Description****TCT4**

4" Tire Valve Core Removal Tool

**TCT6**

6" Tire Valve Core Removal Tool

**TCT4A**

4" professional Locking Tire core removal tool. Steel tip has two spring loaded micro ball bearings to lock the tire valve core from shooting away during removal. Aluminum handle with magnetic end to safely pick and hold the valve core. Comes with steel pocket clip

## 2" DIA TIRE TREAD DEPTH GAUGE

**Model # TG32**

Durable Solid Zinc Cast Body Measures in 1/32 inch increments  
Dial type tire tread depth gauge Easy to read Acrylic lens

## AIR VENDING MACHINE ACCESSORIES

## 1/4" BLACK RUBBER HOSE WITH STEEL BRAIDING

**Model #****Size****HA84-450**

1/4" 450ft.

Temperature range -40°F to 180°F

Working pressure 600 PSI @ 70°F

Safety factor 4:1

## SPECIALTY STEEL PLUG

**Model #****Description****FM44RL**

1/4" MPT  
Specialty Seal Plug

## RUBBER VENDING HOSE BUMPER

**Model #****Description****RB40**

Rubber Vending  
Hose Bumper for  
1/4" Rubber Hose



## HRCBK 16 PIECE RECOIL HOSE/BLOWGUN/FITTINGS KIT



Model #	Description
<b>CG440B</b>	1/4" x 1/4" FPT Universal Brass Coupler
<b>CPH440</b>	1/4" x 1/4" FPT Industrial Coupler Plug
<b>CPH441</b>	1/4" x 1/4" MPT Industrial Coupler Plug
<b>FPC440</b>	1/4" FPT x 1/4" FPT Brass Female Coupling
<b>FA414</b>	1/4" NPT Brass Hex Male Nipple
<b>T04</b>	1/4" FPT Angle Ball Foot Chuck
<b>TG195</b>	Tire Pressure Gauge - 10-50 PSI Pencil Type
<b>B300</b>	1/4" FPT Standard Thumb Lever Blowgun
<b>BT1</b>	1/8" MPT Brass Tip
<b>BTN1</b>	0.0425" x 7/8" Long Needle Tip
<b>BT2</b>	1/8" MPT Rubber Tip
<b>BT6S</b>	1/8" MPT Standard Brass Safety Tip
<b>TT33</b>	1/2" x 33ft PTFE Thread Tape
<b>HR14-012</b>	1/4" 12 ft Long w/1/4" NPT Swivel Fittings, Recoil Yellow Nylon Hose

## TGBCK 17 PIECE TIRE GAUGE/BLOWGUN/FITTINGS KIT



Model #	Description
<b>CG440B</b>	1/4" x 1/4" FPT Universal Brass Coupler
<b>CPH441</b>	1/4" x 1/4" MPT Industrial Coupler Plug
<b>CPH440</b>	1/4" x 1/4" FPT Industrial Coupler Plug
<b>FPC440</b>	1/4" FPT x 1/4" FPT Brass Female Coupling
<b>FA414</b>	1/4" NPT Brass Hex Male Nipple
<b>TT33</b>	1/2" x 33ft PTFE Thread Tape
<b>B300</b>	1/4" FTP Standard Thump Lever - w/o Tip Blowgun
<b>BT2</b>	1/8" MPT Rubber Tip
<b>BT6S</b>	1/8" MPT Standard Brass Safety Tip
<b>T37</b>	1/4" FPT Dual Foot 6" Truck Chuck
<b>BTN1</b>	0.0425" x 7/8" long Needle Tip
<b>BT1</b>	1/8" MPT Brass Tip
<b>TG195</b>	Tire Pressure Gauge - 10 - 50 PSI - Pencil Type - Standard Pocket Gauge

## C16K 16 PIECE AIR ACCESSORY KIT



- ONLY YOURSELF**  
**ECONOMY LINE**
- (1) 25' Recoil Hose 160 PSI Max
  - (1) Rubber Tip
  - (1) Tapered Tip
  - (2) Sports Needle
  - (1) OSHA Safety Tip
  - (1) Blowgun 160 PSI Max
  - (1) Tire Gauge 0 - 100 PSI
  - (1) Tire Chuck 160 PSI Max
  - (1) Female Connector
  - (1) Male Connector
  - (1) Female Coupler
  - (2) Female Air Plug
  - (2) Male Air Plug

## C17K 17 PIECE AIR ACCESSORY KIT



- ONLY YOURSELF**  
**ECONOMY LINE**
- (1) Tapered Tip
  - (2) Sports Needle
  - (1) OSHA Safety Tip
  - (1) Blowgun 160 PSI Max
  - (1) Tire Gauge 10 - 50 PSI
  - (1) Tire Chuck 160 PSI Max
  - (1) Female Connector
  - (2) Male Connector
  - (1) Female Coupler
  - (2) Female Air Plug
  - (4) Male Air Plug



### INTRODUCTION TO FILTERS, REGULATORS, AND LUBRICATORS

For a pneumatic system to work efficiently, the air must be: (1) Clean, to safeguard (2) Equipment from contaminant damage (3) Flowing at the right pressure for the particular use; and (4) Combined with a lubricant in most, but not all, cases to reduce friction and wear of internal moving parts. A rule of thumb states that every 2-psig increase in operating pressure adds an additional 1% compression energy cost. Use FRL ensures that every tool is receiving a clean lubricated supply of compressed air.

The process of assuring that air meets these criteria is called conditioning, which is broken into three elements: Filtration, Air Pressure Regulation, and Lubrication. (1) FILTERS remove moisture and particles that may be harmful to pneumatic equipment (2) REGULATORS ensure that the compressed air stays within a specified pressure range; and (3) LUBRICATORS supply lubricant into the compressed air stream to lubricate the internal moving parts of pneumatic equipment. Conditioning components may be purchased separately or as preassembled Filter, Regulator, Lubricator (FRL) Combinations; or a Filter/Regulator in a single integral housing to conserve space.

### CARE AND MAINTENANCE OF FRL COMPONENTS

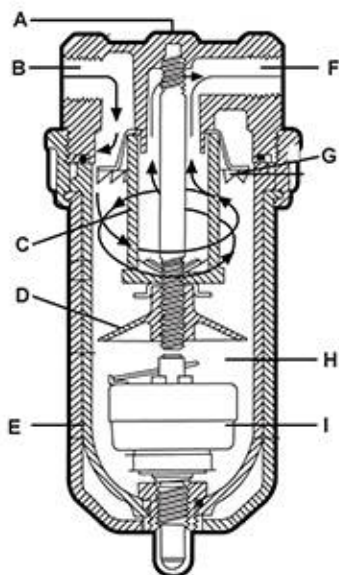
**FILTERS:** Draining the collected liquids and contaminants from the bowl is the most important filter maintenance operation. Over time debris will clog the filter element causing reduced flow and pressure drop. Down stream equipment will be affected by the reduction in flow and pressure as the filter continues to clog. Maintenance on the filter element should be scheduled before this happens. Either clean or replace the filter element to ensure proper operation.

**REGULATORS:** When properly protected by a filter the regulator requires no routine maintenance. It is suggested that a gauge be used to indicate the downstream pressure setting.

**LUBRICATORS:** Oil reservoirs must be kept filled, and should be inspected regularly for contaminants in the bowl.

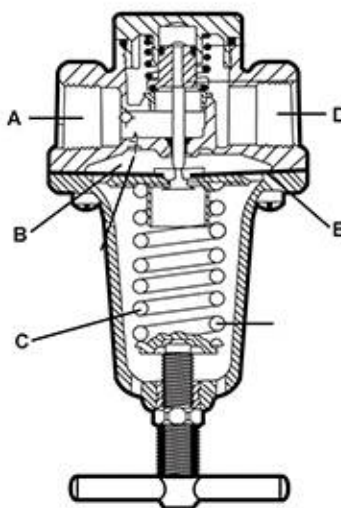
**NOTE:** When using filters and lubricators with plastic bowls; regular inspection for signs of deterioration caused by incompatibility with certain chemicals should be performed. Examples of incompatible chemicals are: Synthetic Oils, Phosphate Esters, and Chlorinated Hydrocarbons. For applications where a chemical is suspected to be incompatible, use metal bowls on the filter, and lubricator.

#### FILTER



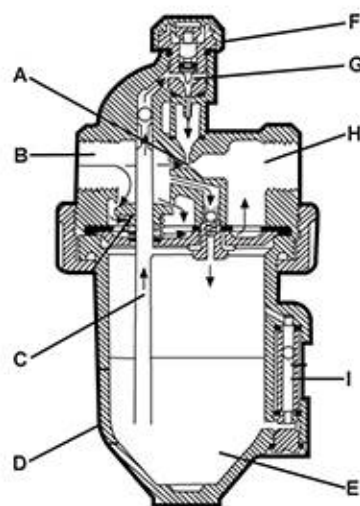
- A) Filter Body
- B) Compressed Air Inlet
- C) Filter Element
- D) Baffle
- E) Polycarbonate Bowl
- F) Filtered Air Outlet
- G) Swirl Plate
- H) Filter Reservoir
- I) Auto Drain

#### REGULATOR



- A) Air Inlet
- B) Pressure Relieving Port
- C) Spring
- D) Regulated Air Outlet
- E) Diaphragm

#### LUBRICATOR







- A) Oil Misting Port
- B) Air Inlet
- C) Oil Siphon Tube
- D) Metal Bowl
- E) Oil Reservoir
- F) Oil Drip Control Knob
- G) Drip Sight Tube
- H) Lubricated Air Outlet
- I) Sight Glass

## FILTER, REGULATOR, LUBRICATOR QUICK REFERENCE GUIDE

### PREMIUM LINE

**MADE IN USA**

Filter Element Micron Size				Port Size				
Bowl Material Pc = Polycarbonate Mtl = Metal								
Regulator Handle P= Plastic Knob T= T-Handle								
<b>MINI BODY SERIES</b>								
	P	Pc	20	1/4"	W1030	W1130	W1230	WC1031G
Brass Regular Body	P			1/4"		W1130B		
Coalescing Filter		Pc	.03	1/4"	W1431			
<b>STANDARD BODY SERIES</b>								
	T	Pc	40	1/4"	W1040	W1140T	W1240	WC1041G
		Mtl	40	1/4"	W1040A		W1240A	
	T	Pc	40	3/8"	W1060	W1160T	W1260	WC1061G
		Mtl	40	3/8"	W1060A		W1260A	
	T			1/2"		W1180T		
Coalescing Filter		Mtl	.03	1/4"	W1441A			
Coalescing Filter		Mtl	.03	3/8"	W1461A			
Coalescing Filter		Mtl	.03	1/2"	W1481A			
<b>LARGE BODY SERIES</b>								
	T	Pc	40	1/2"	W1080	W1180HD	W1280	WC1081HDG
		Mtl	40	1/2"	W1080A		W1280A	
<b>HEAVY DUTY BODY SERIES</b>								
	T	Mtl	40	3/4"	W1085A	W1185	W1285A	WC1086AG
	T	Mtl	40	1"	W1090A	W1190	W1290A	WC1091AG
Coalescing Filter		Mtl	.03	3/4"	W1485A			
Coalescing Filter		Mtl	.03	1"	W1490A			

### INTEGRAL "PIGGYBACK" COMBO SERIES

Filter Element Micron Size				Port Size		
Bowl Material Pc = Polycarbonate Mtl = Metal						
Regulator Handle P= Plastic Knob T= T-Handle						
<b>MINI BODY SERIES</b>						
	P	Pc	20	1/4"	WB1330	WC1331G
<b>STANDARD BODY SERIES</b>						
	T	Mtl	40	1/4"	WB1340T	WC1341AG
	T	Mtl	40	3/8"	WB1360T	WC1361AG
	T	Mtl	40	1/2"	WB1380T	WC1381AG







## FILTERS

Compressed air contains contaminants from the ambient air, the compressor, and from the pipes. These particles, called particulate contaminants, and water must be removed from the compressed air in order to protect downstream components and products of the pneumatic system. Particulate and Coalescing Filters are designed to remove these hazardous contaminants. Particulate Filters can be used alone or as a pre-filter for Coalescing Filters.

Particulate Filters are used for particle and water removal for most industrial applications requiring 40 micron filtration. Particulate filters can provide filtration as low as 5 microns for special applications.

Coalescing Filters are used downstream of particulate filters in applications where extremely small particles such as oil, oil vapors, and oil aerosols must be removed from the system. Coalescing filters provide filtration as fine as 0.3 microns.

Filter selection is based on port size, flow capacity, and filtration rating to suit the application.

STANDARD BODY SERIES						
IN-LINE						
SMALL BODY SERIES						
			 			
FILTERS			(In-Line)	(In-Line)		
Port Size	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT
Polycarbonate Bowl (Pc)			WR1020	WR1010		
Metal Bowl (Mtl)	WR1030A	WR1030			WR1060	WR1080
Specifications						
Filter Element (Porous Polypropylene)	25 Micron	25 Micron	25 Micron	40 Micron	25 Micron	25 Micron
Bowl Capacity	0.55 oz.	0.55 oz.	0.55 oz.	N/A	0.66 oz.	1.55 oz.
Flow @ 100 PSI	30 SCFM	30 SCFM	20 SCFM	30 SCFM	55 SCFM	140 SCFM
Drain	Automatic	Manual	Manual	Manual	Manual	Manual
ACCESSORIES						
Mount Bracket	ALBS	ALBS	N/A	N/A	ALBS	N/A
Filter Sleeve	ALF2	ALF2	N/A	N/A	ALF3	N/A



## FILTERS

Compressed air contains contaminants from the ambient air, the compressor, and from the pipes. These particulate contaminants, and water must be removed from the compressed air in order to protect downstream components and products of the pneumatic system. Particulate and Coalescing Filters are designed to remove these hazardous contaminants. Particulate Filter can be used alone or as a pre-filter for Coalescing Filters. Particulate Filters are used for particle and water removal for most industrial applications requiring 40 micron filtration. Particulate Filters can provide filtration as low as 5 micron for special applications. (See charts below) Coalescing Filters are used downstream of particulate filters in applications where extremely small particles such as oil, oil vapors and oil aerosols must be removed from the system. Coalescing filters provide filtration as fine as 0.3 micron & removes 99.97% of solids & fluids.

Filter section is based on port size, flow capacity, and filtration rating to suit the application. Note that finer ratings increase the pressure drop of the filter that increases the energy cost. Therefore, Particle removal filters should be selected based on acceptable pressure drop and pipe connecting sizes. A filter with large body size will produce less initial pressure loss and provide large operating lift than a small filter size with the same removal ratings.

**Warning:** Although Polycarbonate bowls are capable of withstanding extreme physical abuse, they are susceptible and may possibly burst when subjected to some cleaning products and synthetic oils. The consumers are advised to consult the factory in case there are questions regarding their compatibility with application.





<b>HEAVY DUTY BODY SERIES</b>						
<b>LARGE BODY SERIES</b>						
<b>STANDARD BODY SERIES</b>						
<b>MINI SERIES</b>						
						
<b>FILTERS</b>						
<b>Port Size</b>	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT
Polycarbonate Bowl (Pc)	W1030	W1040P	W1060P	W1080P		
Metal Bowl (Mtl)		W1040AP	W1060AP	W1080AP	W1085A	W1090A
<b>Specifications</b>						
Filter Element (Porous Polypropylene)	20 Micron	40 Micron	40 Micron	40 Micron	40 Micron	40 Micron
Bowl Capacity	1 oz.	5 oz.	5 oz.	8 oz.	16 oz.	16 oz.
Flow @ 100 PSI	22 SCFM	53 SCFM	77 SCFM	106 SCFM	250 SCFM	350 SCFM
<b>FILTER REPAIR PARTS &amp; ACCESSORIES</b>						
Bowl Kit (Pc)	WP1030PB	WP1040PPB	WP1040PPB	WP1080PPB		
Bowl Kit (Mtl)	WP1030AB	WP1040PAB	WP1040PAB	WP1080PAB	WP1085AB	WP1085AB
Auto Drain, Internal	WP1035	WP1045P	WP1045P	WP1045P	WP1045	WP1045
Sight Glass Kit		WP1040PSG	WP1040PSG	WP1080PSG	WP1090SG	WP1090SG
Element Kit, 5 Micron	WP1030RK5	WP1040PRK5	WP1040PRK5	WP1080PRK5	WP1090RK5	WP1090RK5
Element Kit, 40 Micron	WP1030RK40	WP1040PRK40	WP1040PRK40	WP1080PRK40	WP1090RK40	WP1090RK40
Mount Bracket*		WP1040PMB	WP1040PMB	WP1080PMB	WP1085MB	WP1090MB
Drain Cock	WP1040DC	WP1040PDC	WP1040PDC	WP1040PDC	WP1040DC	WP1040DC
<b>COALESCING FILTER (not shown)</b>						
Polycarbonate Bowl (Pc)	W1431					
Metal Bowl (Mtl)		W1441AP	W1461AP	W1481AP	W1485A	W1490A
<b>Specifications</b>						
Filter Element	0.3 Micron	0.3 Micron	0.3 Micron	0.3 Micron	0.3 Micron	0.3 Micron
Bowl Capacity	1 oz.	8 oz.	8 oz.	16 oz.	32 oz.	32 oz.
Flow @ 100 PSI	8 SCFM	15 SCFM	20 SCFM	50 SCFM	80 SCFM	100 SCFM
<b>COALESCING FILTER REPAIR PARTS</b>						
Bowl Kit (Pc)	WP1030PB					
Bowl Kit (Mtl)	WP1030AB	WP1080PAB	WP1080PAB	WP1480PAB	WP1485AB	WP1485AB
Auto Drain, Internal	WP1035	WP1045P	WP1045P	WP1045P	WP1045	WP1045
Element Kit, 0.3 Micron	WP1031E	WP1441PE	WP1441PE	WP1481PE	WP1485E	WP1485E

## REGULATORS

Regulators are specialized control valves used to reduce the upstream pressure to a specified constant downstream pressure. Equipment operated at higher, or lower pressures other than recommended by the manufacturer may cause damage, failure, or even create a safety hazard.

Regulators have die cast metal bodies for durability, and self relieving diaphragms for easy adjustment of the downstream pressure, if excessive line pressure is present at the time of adjustment, the excess pressure lifts the diaphragm off of the stem, bleeding the pressure off through the orifice and out of the spring cage vent until the system returns to the desired pressure setting.

Regulator selection is based on port size, flow capacity, and delivery pressure range to suit the application.

HEAVY DUTY BODY SERIES								
LARGE BODY SERIES								
STANDARD BODY SERIES								
MINI SERIES								
								
REGULATORS								
Port Size	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT	1/2" NPT	1/2" NPT	3/4" NPT	1" NPT
Die Cast Metal Body	W1130	W1140T	W1160T	W1180T	W1180HD	W1180HD-250	W1185	W1190
Brass Body	W1130B							
Regulator with Gauge	W1130G							
Specifications								
Max Inlet Pressure	300 PSI	300 PSI	300 PSI	300 PSI	300 PSI	300 PSI	300 PSI	300 PSI
Control Style	Plastic Knob	T-Handle	T-Handle	T-Handle	T-Handle	T-Handle	T-Handle	T-Handle
Delivery Pressure	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 250 PSI	0 - 125 PSI	0 - 125 PSI
Flow @ 100 PSI	16 SCFM	100 SCFM	110 SCFM	115 SCFM	200 SCFM	200 SCFM	380 SCFM	380 SCFM
REGULATOR REPAIR PARTS & ACCESSORIES								
Diaphragm & Valve Kit	WP1130RK	WP1140RK	WP1140RK	WP1140RK	WP1180RK	WP1180RKHD	WP1185RK	WP1185RK
Spring Cage Kit	WP1130L							
25 # Spring	WP1130S25							
60 # Spring	WP1130S60							
Gauge (W1130G)	G1101-160							
Panel Mount Nut	W1130PN	WP1140PN	WP1140PN	WP1140PN				
Mount Bracket	WP1130MB	WP1140MB	WP1140MB	WP1140MB	WP1180MB	WP1180MB		
RECOMMENDED GAUGES*	G2101-160	G2112-160	G2112-160	G2112-160	G2112-160	G2112-160	G2122-160	G2122-160

\* Gauges are available separately (See page 39)

Gauges are recommended to indicate down-stream pressure setting at the regulator.



**REGULATORS**

STANDARD BODY SERIES				
MINI SERIES				
				
REGULATORS	Air Flow Left to Right	Air Flow Right to Left		
Port Size	1/4" NPT	1/4" NPT	1/4" NPT	3/8" NPT
Gauge Port	1/8" NPT	1/8" NPT	1/8" NPT	1/8" NPT
Diecast Metal Bowl	<b>WR1120</b>	<b>WR1120RL</b>	<b>WR1130</b>	<b>WR1160</b>
Diecast Metal Bowl with Gauge	<b>WR1120G</b>	<b>WR1120RLG</b>	<b>WR1130G</b>	<b>WR1160G</b>
Specifications				
Max Inlet Pressure	150 PSI	150 PSI	200 PSI	200 PSI
Control Style	Plastic Knob	Plastic Knob	Plastic Knob	Plastic Knob
Delivery Pressure	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI
Flow @ 100 PSI	6 SCFM	6 SCFM	20 SCFM	90 SCFM
ACCESSORIES				
Mount Bracket	N/A	N/A	ALBS	ALBS
Gauge Meter	N/A	N/A	ALBL	ALBL
Gauge	G2101 - 160	G2101 - 160	G2101 - 160	G2101 - 160







## LUBRICATORS

Many pneumatic components and most tools require oil lubrication for proper operation and long service life. Typically this oil is carried in the air stream as a mist or fog. Too little oil can cause excessive wear and failure, while too much oil is wasteful and can become a contaminant.

Lubricators meter the oil from a reservoir into the moving air stream. This is called a mist or fog of oil droplets. For best results the lubricator should be placed as close as possible to the apparatus requiring lubrication.

Lubricator selection is based on port size and flow capacity to match your application.

HEAVY DUTY BODY SERIES						
LARGE BODY SERIES						
STANDARD BODY SERIES						
MINI SERIES						
						
<b>LUBRICATOR</b>						
Port Size	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT
Polycarbonate Bowl (Pc)	W1230	W1240P	W1260P	W1280P		
Metal Bowl (Mtl)		W1240AP	W1260AP	W1280AP	W1285A	W1290A
<b>Specifications</b>						
Bowl Capacity	1 oz.	5 oz.	5 oz.	8 oz.	16 oz.	16 oz.
Flow @ 100 PSI	12 SCFM	55 SCFM	88 SCFM	127 SCFM	290 SCFM	320 SCFM
<b>LUBRICATOR REPAIR PARTS &amp; ACCESSORIES</b>						
Bowl Kit (Pc)	WP1230PB	WP1240PPB	WP1240PPB	WP1280PPB		
Bowl Kit (Mtl)	WP1230AB	WP1240APB	WP1240PAB	WP1280PAB	WP1285AB	WP1285AB
Needle Valve Assembly	AP1230RK	WP1240PRK	WP1240PRK	WP1240PRK	WP1240RK	WP1240RK
Mount Bracket*		WP1040PMB	AP1040PMB	WP1080PMB		


Maximum working pressure is 150 PSI for Polycarbonate Bowl and 250 PSI for Metal Bowl.

**NOTE:** Use IP recommended Air-Tool Oil for pneumatic tools.

## FILTER / REGULATOR / LUBRICATOR / GAUGE COMBO UNIT

Filter, Regulator and Lubricator Combination Units, or FRL's are factory assembled components ready for installation. They are comprised of the same components that are listed in the individual sections as well as in the chart below by FRL model number.



Select the proper FRL by selecting the proper port size, flow capacity, and filter rating to fit your application.

HEAVY DUTY BODY SERIES						
LARGE BODY SERIES						
STANDARD BODY SERIES						
MINI SERIES						
Port Size	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT
Polycarbonate Bowl (Pc)	WC1031G	WC1041GP	WC1061GP	WC1081HDGP		
Metal Bowl (Mtl)				WC1081HDAG-250	WC1086AG	WC1091AG
Specifications						
Bowl Capacity	1 oz.	5 oz.	5 oz.	8 oz.	16 oz.	16 oz.
Flow @ 100 PSI	12 SCFM	53 SCFM	77 SCFM	106 SCFM	250 SCFM	320 SCFM
Delivery Pressure	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI / 250 PSI	0 - 125 PSI	0 - 125 PSI
FRL COMBINATION UNIT COMPONENT PARTS & ACCESSORIES						
Filter	W1030	W1040	W1060	W1080	W1085A	W1090A
Regulator	W1130	W1140T	W1160T	W1180HD	W1185	W1190
Lubricator	W1230	W1240	W1260	W1280	W1285A	W1290A
Gauge	G2101-160	G2112-160	G2112-160	G2112-160	G2112-160	G2112-160
Accessories						
Mount Bracket	WP1130MB	WP1140MB	WP1140MB	WP1180MBHD	WP1185MB	WP1185MB
Panel Mount Nut	WP1130PN	WP1140PN	WP1140PN			



Maximum working pressure is 150 PSI for Polycarbonate Bowl and 250 PSI for Metal Bowl.

### INTEGRAL FILTER / REGULATOR "PIGGYBACK" UNITS

Interstate Pneumatics offers Integral Filter/Regulator (Piggyback) and Filter/Regulator/Lubricator (3 in 1) units as cost effective solutions. These two combinations provide same function as performed separately by individual units. These units are available in mini/standard series.

STANDARD BODY SERIES					
MINI SERIES					
					
Port Size	1/4" NPT	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT
Polycarbonate Bowl (Pc)	WB1330	WB1330G			
Metal Bowl (Mtl)			WB1340T	WB1360T	WB1380T
<b>Specifications</b>					
Filter Element	20 Micron	20 Micron	40 Micron	40 Micron	40 Micron
Bowl Capacity (PC)	1 oz.	1 oz.	5 oz.	5 oz.	8 oz.
Flow @ 100 PSI	12 SCFM	12 SCFM	53 SCFM	77 SCFM	106 SCFM
Delivery Pressure	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI
<b>INTEGRAL FILTER / REGULATOR / REPAIR PARTS &amp; ACCESSORIES*</b>					
Bowl Kit (PC)	WP1030PB	WP1030PB			
Bowl Kit (Mtl)	WP1030AB	WP1030AB	WP1340AB	WP1340AB	WP1340AB
Auto Drain, Internal	WP1035	WP1035	WP1045	WP1045	WP1045
Auto Drain, External					
Sight Glass Kit			WP1040SG	WP1040SG	WP1040SG
Element Kit, 5 Micron	WP1030RK5	WP1030RK5	WP1340RK5	WP1340RK5	WP1340RK5
Element Kit, 20 Micron	WP1030RK2	WP1030RK2			
Element Kit, 40 Micron	WP1030RK40	WP1030RK40	WP1340RK	WP1340RK	WP1340RK
Panel Mount Nut	WP1130PN	WP1130PN	WP1140PN	WP1140PN	WP1140PN
Mount Bracket	WP1130MB	WP1130MB	WP1140MB	WP1140MB	WP1140MB

### INTEGRAL FILTER / REGULATOR / LUBRICATOR COMBINATION UNIT

STANDARD BODY SERIES				
MINI SERIES				
				
Port Size	1/4" NPT	1/4" NPT	3/8" NPT	1/2" NPT
Polycarbonate Bowl (Pc)	WC1331G			
Metal Bowl (Mtl)		WC1341AGP	WC1361AGP	WC1381AGP
<b>Specifications</b>				
Bowl Capacity Filter (Pc)	1 oz.	4 oz.	4 oz.	4 oz.
Bowl Capacity Lubricator (PC)	1 oz.	5 oz.	5 oz.	8 oz.
Flow @ 100 PSI	12 SCFM	53 SCFM	77 SCFM	77 SCFM
Delivery Pressure	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI	0 - 125 PSI
<b>FRL COMBINATION UNIT COMPONENT PARTS &amp; ACCESSORIES</b>				
Filter/Regulator	WB1330	WB1340T	WB1360T	WB1380T
Lubricator	W1230	W1240A	W1260A	W1280A
Gauge	G2101-160	G2112-160	G2112-160	G2112-160
<b>Accessories</b>				
Mount Bracket	WP1130MB	WP1140MB	WP1140MB	WP1140MB
Panel Mount Nut	WP1130PN	WP1140PN	WP1140PN	WP1140PN



## LUBRICATORS

STANDARD BODY SERIES			
SMALL BODY SERIES			
IN-LINE			
Lubricator	(INLINE)		
Port Size	1/4" NPT	1/4" NPT	3/8" NPT
Metal Bowl (Mtl)	WR1220	WR1230	WR1260
Specifications			
Bowl Capacity	0.7 cu-in	1.5 cu-in	3.0 cu-in
Flow @ 100 PSI	20 SCFM	30 SCFM	60 SCFM
Maximum Working Pressure	150 PSI	150 PSI	150 PSI
ACCESSORIES			
Bracket	N/A	ALBS	ALBL

## FILTER / REGULATOR / LUBRICATOR COMBO

STANDARD BODY SERIES			
SMALL BODY SERIES			
	F/R Combo	F/R/L Combo	F/R/L Combo
Port Size	1/4" NPT	1/4" NPT	3/8" NPT
Metal Bowl (Mtl)	WBR1330FG	WCR1041G	WCR1061G
Specifications			
Filter Element	25 Micron	25 Micron	25 Micron
Flow @ 100 PSI	20 SCFM	18 SCFM	70 SCFM
Oil Flow Rate	0.53 SCFM	0.53 SCFM	0.53 SCFM
Maximum Working Pressure	150 PSI	150 PSI	150 PSI

BRACKETS		
<p>Small Bracket ALBS</p>		<p>Large Bracket ALBL</p>

CO<sub>2</sub> REGULATORS FOR PNEUMATIC TOOLS

All Metal CO<sub>2</sub> Regulator has a 0-125 PSI pressure range with a maximum inlet pressure of 1200 PSI with a safety burst disc rating of 1800 PSI. Fits standard CO<sub>2</sub> paint ball & small beverage cylinders using 1/2" NPT threads. Comes standard with a pressure gauge, dial regulator knob & integrated steel belt clip. The Cylinder and Regulator are not for Oxygen service or use.

Model No.	Description
<b>WRCO2</b>	CO <sub>2</sub> Regulator 0-125 PSI (with Steel Belt Clip)
<b>WRCO2-NC</b>	CO <sub>2</sub> Regulator 0-125 PSI (without Steel Belt Clip)
<b>WRCO2L</b>	CO <sub>2</sub> Regulator 0-15, 30, 60 PSI 3 preset pressure settings
<b>WRCO2-CL20</b>	CO <sub>2</sub> Cylinder / Paintball Tank 20 oz (empty)
<b>WRCO2-CL24</b>	CO <sub>2</sub> Cylinder / Paintball Tank 24 oz (empty)
<b>WRCO2 - K1</b>	Kit includes: WRCO2 Regulator, HR14-012 Recoil Hose & CG440 Universal Coupler
<b>WRCO2 -K2</b>	Kit includes: WRCO2-K1 Kit with a CO <sub>2</sub> 20 oz DOT Aluminum Tank (Model # WRCO2-CL20)
<b>WRCO2-TF</b>	Kit includes: WRCO2 Regulator, HR14-010 Recoil Hose & TF3135 Tire Inflator
<b>WRCO2-TF2</b>	Kit includes: WRCO2 Regulator, WRCO2-CL20 DOT Cylinder, HR14-010 Recoil Hose & TF3135 Tire Inflator
<b>WRCO2-CL201</b>	Kit includes: 20 Oz. CO <sub>2</sub> Pin Valve Cylinder Tank Paintball Adapter Converts CO <sub>2</sub> Paintball Tank To Soda Stream Soda Club CO <sub>2</sub> Cylinder Tank

**CG440**

**WRCO2-CL20 - 20oz**  
**WRCO2-CL24 - 24oz**



**WRCO2**  
with Steel Belt Clip



**WRCO2 - NC**  
without Steel Belt Clip



**HR14-010**  
PU Recoil Hose 10ft.



**TF3135**  
Tire Inflator



CO<sub>2</sub> FLOWMETER REGULATOR WITH SINGLE STAGE CGA320 INLETModel # **WRFCO2**

- Manual valve
- Self-Centering flow tube keeps ball centered to assure flow accuracy (precise 0.5-15 cubic feet per hour settings)
- Brass alloy body
- Easy-to-read 1.5" pressure gauge 0-3000 PSI with indicator of when tank needs to be refilled
- 17ft. long black 1/4" tubing & 2 plastic white washers
- CGA320 Inlet, Maximum Inlet: 3000 PSIG

CO<sub>2</sub> FLOWMETER REGULATOR WITH SOLENOID VALVEModel # **WRFCO2S**

- Electrical Solenoid valve turns on and off the flow of CO<sub>2</sub>, optimizing the usage of CO<sub>2</sub>
- 5ft. 8" long - 110 volt UL approved 3-prong (household outlet) grounded power cord
- Self-Centering flow tube keeps ball centered to assure flow accuracy (precise 0.5-15 cubic feet per hour settings)
- Brass alloy body
- Easy-to-read 1.5" pressure gauge 0-3000 PSI with indicator of when tank needs to be refilled
- CGA320 inlet, maximum inlet: 3000 PSIG
- 17ft. long black 1/4" tubing & 2 plastic white washers

BURST DISC FOR WRFCO2 CO<sub>2</sub> REGULATOR (2 PER PACK)Model # **WRFCO2-22**

- Burst Disc for WRFCO2. Comes in 2pcs/pack in a plastic bag
- Material: Copper

BURST DISC ASSEMBLY FOR WRFCO2 CO<sub>2</sub> REGULATORModel # **WRFCO2-52**

- Burst Disc Material: Copper
- Cap Screw Material: Brass Hpb59-1, Chrome Plated
- Safety Cushion Material: Plastic, POM

## Kit Includes:

- Burst Disc
- Safety Cushion
- Cap Screw



## ADAPTER CONVERTS CO2 PAINTBALL TANK TO STANDARD CGA320 MALE FITTING

**Model # WRCO2-5A4**

Made from Machined Aluminum

Screw in a CO2 Paintball Tank to this Adapter and use it as a Standard CGA320 Male Fitting

## ADAPTER CONVERTS CO2 PAINTBALL TANK TO PREFILLED DISPOSABLE CO2 MINI CARTRIDGE

**Model # WRCO2-320**

Made from Machined Aluminum

Screw in a CO2 Paintball Tank to this Adapter and use it as a Prefilled CO2 Cartridge

## ADAPTER CONVERTS STANDARD CGA320 MALE FITTING TO CO2 PAINTBALL TANK

**Model # WRCO2-4A5**

Made from Machined Aluminum

Screw in a large CO2 Tank with CGA320 Fitting and use it as a Paintball Tank

## ADAPTER CONVERTS PREFILLED DISPOSABLE CO2 MINI CARTRIDGE TO CO2 PAINTBALL TANK

**Model # WRCO2-320R**

Made from Machined Aluminum

Adapter converts Prefilled Disposable CO2 Mini Cartridge to Paintball Tank

## ADAPTER CONVERTS CO2 PAINTBALL TANK TO SODASTREAM® SODA-CLUB CO2 ADAPTER

**Model # SS320**

This Adapter replaces the SodaStream CO2 Tank with a Standard Paintball CO2 Tank Solid Brass Construction



## BURST DISC 3K RATING FOR CO2 PAINTBALL TANK

**Model # WRCO2-BD**The burst discs are used to replace damaged or broken or burst on your CO2 tank  
Prevents over-pressurization when filling your tanks

## BRASS PIN VALVE FOR CO2 PAINTBALL TANK

**Model # WRCO2-PV**Standard CO2 tank replacement head, fits standard 20 oz, 16 oz, 12 oz, or 9 oz tanks  
Replaces a broken or damaged pin valve. Install with adhesive sealant

## CO2 PAINTBALL TANK FILL ADAPTER

**Model # WRCO2-FV**The paintball tank fill adapter is used to fill small paintball CO2 tanks with a pin valve  
The fill adapter is screwed into the paintball tank pin valve and the inlet of the fill valve  
1/8" NPT is connected to a main line to transfer the liquid CO2 into the paintball tank

Interstate Pneumatics Air Tool Oil is for use in all pneumatic tools and lubricators to protect and prolong tool life. Specially formulated grade (10-weight) non-detergent turbine oil. Eliminates dirty gum-up, prohibits rust, dries and removes moisture.

### AIR TOOL OIL

Model No.	Description
<b>YL12-004</b>	4 oz Flip top cap bottle Air Tool Oil
<b>YL12-008</b>	8 oz Flip top cap bottle Air Tool Oil
<b>YL12-016</b>	16 oz Flip top cap bottle Air Tool Oil
<b>YL12-128</b>	128 oz (1 gallon) Plastic Gallon Jar Air Tool Oil

#### FLIP TOP CAP



Interstate Pneumatics Winter-Grade Air Tool Oil allows lubrication down to -45°F. For use in all pneumatic tools and lubricators for protection to prolong tool life. Specially formulated grade (10 - weight) non-detergent turbine oil. Eliminates dirty gum-up, prohibits rust, dries and removes moisture.

### WINTER-GRADE AIR TOOL OIL

Model No.	Description
<b>YL14LT-004</b>	4 oz Flip top cap bottle Air Tool Oil
<b>YL14LT-008</b>	8 oz Flip top cap bottle Air Tool Oil
<b>YL14LT-016</b>	16 oz Flip top cap bottle Air Tool Oil
<b>YL14LT-128</b>	128 oz (1 gallon) Plastic Gallon Jar Air Tool Oil

#### FLIP TOP CAP



## COMPRESSOR OIL (NON-DETERGENT)

SPECIAL FORMULA BY CHEVRON FOR ALL MOBILE & STATIONARY COMPRESSORS

## FEATURES &amp; BENEFITS

**Extended equipment service life** — Special anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film. High oxidation stability resists oil thickening and deposit formation in service, eliminating the need for unscheduled change of hydraulic fluid.

**Reduce downtime** — Effective rust and oxidation inhibitor system prevents the production of abrasive particles from rust formation, and deposits, varnishes and sledges from oil breakdown, which can damage equipment surfaces and seals, and block filters prematurely.

**Trouble-free operation** — Good hydrolytic stability and water separation characteristics provide excellent filterability in the presence of water contamination. Good anti-foam and air release properties ensure smooth operation and system efficiency.

Model No.	Description
<b>YL10-016</b>	16 oz Flip top plastic bottle Non-Detergent Compressor Oil
<b>YL10-032</b>	32 oz / 1 Quart plastic bottle Non-Detergent Compressor Oil
<b>YL10-128</b>	128 oz / (1 gallon) Plastic Gallon Jar Non-Detergent Compressor Oil





## RED THREAD LOCKER IS A HIGH STRENGTH HEAVY-DUTY PROFESSIONAL FORMULA

### PART # TR750

High Strength Thread Locker Prevents loosening and stop leakage from shock and vibration, particularly suited for heavy duty applications such as studs into motor housings, nuts onto studs in pump housings and other fasteners.

- Lock threaded fasteners from loosening during shock and vibration
- Single Component with no curing outside of threads
- Ideal for 1/4" to 1" dia Nuts & Bolts
- Cures in the absence of air without cracking & shrinking
- Size: 50ml (1.89 Fl Oz)
- Red Label / Red Bottle

### Red Thread Locker

Breakaway / Prevailing  
190 / 275 in-lb  
on a 3/8" Bolt / Nut



## BLUE THREAD LOCKER IS A MEDIUM STRENGTH MEDIUM-DUTY PROFESSIONAL FORMULA

### PART # TB750

Medium Strength Thread Locker designed for the locking and sealing of threaded fasteners which require normal disassembly with standard hand tools. Prevents loosening and stop leakage from shock and vibration.

- Lock threaded fasteners from loosening during shock and vibration
- Single Component with no curing outside of threads
- Ideal for 1/4" to 3/4" dia Nuts & Bolts
- Cures in the absence of air without cracking & shrinking
- Size: 50ml (1.89 Fl Oz)
- Blue Label / Red Bottle

### Blue Thread Locker

Breakaway / Prevailing  
100 / 45 in-lb  
on a 3/8" Bolt / Nut



Interstate Pneumatics Replacement Compressor Pressure Switches fit many Dewalt®, Englo®, Hitachi®, Makita®, Porter Cable®, Ridgid®, Rolair® & other brands using standard fittings.

### LF10-L4H PRESSURE SWITCH

- Four Port
- Push/Pull on-off Switch
- 1/4" NPT Female connection
- Cut off pressure 85-125 PSI
- Amperage rating 20 Amps
- 6.3 mm Unloader valve connection



### LF10-L1H PRESSURE SWITCH

- Single Port
- Push/Pull on-off Switch
- 1/4" NPT Female connection
- Cut off pressure 85-125 PSI
- Amperage rating 20 Amps
- 6.3 mm Unloader valve connection



### LF10-1H PRESSURE SWITCH

- Single port
- Short & Bend-Lever Switch
- 1/4" NPT Female connection
- Cut off pressure 85-125 PSI
- Amperage rating 20 Amps
- 6.3 mm Unloader valve connection



### LF10-4H PRESSURE SWITCH

- Four Port
- Short & Bend-Lever Switch
- 1/4" NPT Female connection
- Cut off pressure 85-125 PSI
- Amperage rating 20 Amps
- 6.3 mm Unloader valve connection



### LF17-1H PRESSURE SWITCH

- Single port
- Metal Box
- Contact arrangement normally closed
- 3/8" NPT Female connection
- Cut off pressure 145-175 PSI
- 6.4 mm Unloader valve connection
- Rating 24A/120V or 20A/240V



### LF10-4H-HP HIGH PRESSURE SWITCH

- Four Port
- Short & Bend-Lever Switch
- 1/4" NPT Female connection
- Cut off pressure 135-175 PSI
- Amperage rating 20 Amps
- 6.3 mm Unloader valve connection



### LF10-1H-HP PRESSURE SWITCH

- Single Port
- Short & Bend-Lever Switch
- 1/4" NPT Female connection
- Cut off pressure 135-175 PSI
- Amperage rating 20 Amps
- 6.3 mm Unloader valve connection



### LF16-111 WATER PRESSURE SWITCH

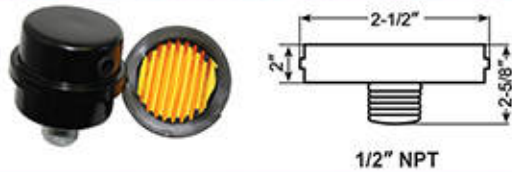
- Voltage Rating: 230VAC
- Allowable Pressure: 220 PSIG
- Number of poles: 2 - Pole
- Terminal Type: Screw Clamp
- Differential: 15 to 35 PSIG
- Pressure Connection: 1/4" NPT Female





## METAL BODY

### SA142 PAPER CARTRIDGE + SMALL 1/2" METAL BODY



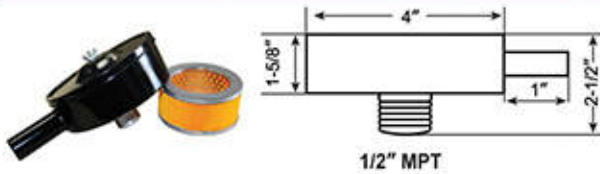
1/2" NPT

### SA143 PAPER CARTRIDGE + SMALL 3/8" METAL BODY



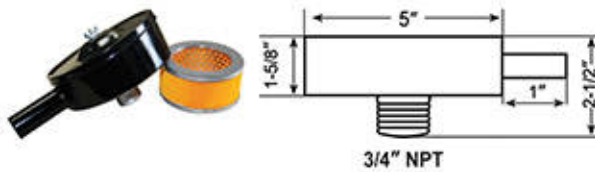
3/8" NPT

### SA9M PAPER CARTRIDGE + LARGE METAL BODY



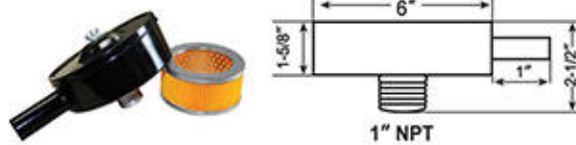
1/2" MPT

### SA13 PAPER CARTRIDGE + METAL BODY



3/4" NPT

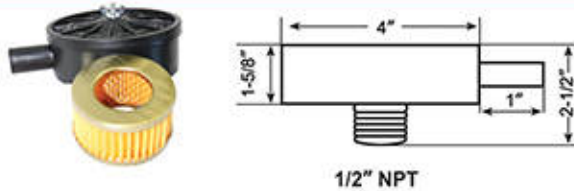
### SA15 PAPER CARTRIDGE + METAL BODY



1" NPT

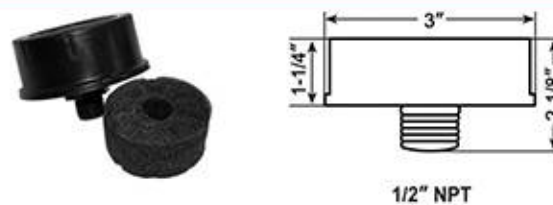
## PLASTIC BODY

### SA9 PAPER CARTRIDGE + LARGE 1/2" PLASTIC BODY



1/2" NPT

### SB191 SPONGE CARTRIDGE + SMALL 1/2" PLASTIC BODY



1/2" NPT

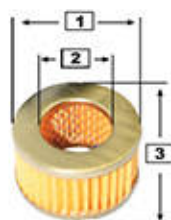
### SB192 SPONGE CARTRIDGE + SMALL 3/8" PLASTIC BODY



3/8" NPT

## FILTER ELEMENT

### SA9F / SA13F / SA15F AIR FILTER ELEMENT ONLY



1 = Outside Diameter  
2 = Inside Diameter  
3 = Height

SA9F Air Filter

1 = 2-3/4"  
2 = 1-3/8"  
3 = 1-1/2"

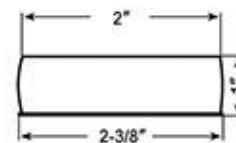
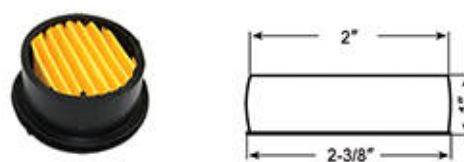
SA13F Air Filter

1 = 3-3/16"  
2 = 1-3/4"  
3 = 1-5/8"

SA15F Air Filter

1 = 4-1/4"  
2 = 3"  
3 = 2-1/16"

### SA14F PAPER REPLACEMENT FOR SA142 + SA143





## ELECTRIC AIR COMPRESSORS

**Model # C1000**

- Air Delivery: 1.6 CFM at 90 PSI
- Operational Noise Level: 53 dB
- Max Pressure: 125 PSI
- 0.75 HP Electric Motor
- Voltage: 115V/60Hz
- RPM: 1400
- Oil Free Pump
- Weight: 23 lbs
- Air Tank: 1 Gallon

**Model # C2000**

- Air Delivery: 7.4 CFM at 90 PSI
- Operational Noise Level: 72 dB
- Maximum Pressure: 125 PSI
- 2.5 HP Electric Motor
- Voltage: 115V/60Hz
- RPM: 3200
- Oil Lubricated Pump
- Weight: 58 lbs
- Air Tank: 4 Gallon



## STARTING CAPACITORS



PART #	DESCRIPTION	TERMINALS	SHAPE / CASE	DIA	LENGTH
<b>CMC7010</b>	CD60 120-144 MFD +/-5% AC 250V	2	Round / Phenolic	1.42"	3.70"
<b>CMC7011</b>	CD60 100-120 MFD +/-5% AC 250V	2	Round / Phenolic	1.42"	3.35"
<b>CMC7012</b>	CD60 110-132 MFD +/-5% AC 250V	2	Round / Phenolic	1.42"	3.35"
<b>CMC7013</b>	CD60 60-72 MFD +/-5% AC 250V	2	Round / Phenolic	1.42"	2.70"
<b>CMC7014</b>	CD60 40-48 MFD +/-5% AC 360V	2	Round / Phenolic	1.42"	3.36"
<b>CMC7015</b>	CD60 100 MFD +/-5% AC 300V (8mm Thread)	2	Round / Phenolic	1.90"	4.30"
<b>CMC7016</b>	CD60 120 MFD +/-5% AC 300V (8mm Thread)	2	Round / Phenolic	1.90"	4.30"

## RUNNING CAPACITORS



4 TERMINALS

2 TERMINALS

PART #	DESCRIPTION	TERMINALS	SHAPE / CASE	DIA	LENGTH
<b>CMC7001</b>	CBB60 10MFD +/-5% AC 250V	4	Round / Phenolic	1.35"	2.85"
<b>CMC7002</b>	CBB60 10MFD +/-5% AC 450V	4	Round / Phenolic	1.35"	3.25"
<b>CMC7003</b>	CBB60 20MFD +/-5% AC 450V	2	Round / Phenolic	1.55"	3.20"
<b>CMC7004</b>	CBB60 40MFD +/-5% AC 450V	2	Round / Phenolic	1.80"	3.70"

## COMPRESSOR RUBBER FOOT

**PART # CFR7022**

Generic Rubber Foot fits IP C1000 & many other Compressors.

- OD = 1-3/4"
- Height = 7/8"
- Bolt Hole = 3/16"
- 4Pcs/pack

**PART # CFR7032**

Generic Rubber Foot fits IP C2000 & many other Compressors.

- OD = 2"
- Height = 1"
- Bolt Hole = 5/16"
- 4Pcs/pack



## 1/4" NYLON SENSOR TUBES

**CTR7023**

1/4" x 6.5" Nylon Sensor Tube with Compression Nut

**CTR7033**

1/4" x 11.5" Nylon Sensor Tube with Compression Nut

## COMPRESSOR OIL FILL DIPSTICK



**CDS-78** Replaces DeWalt 5140016-78

Compatible with: D55151 Type-3, D55152 Type-1 & Type-2, D55153 Type-2 & Type-3, D55154 Type-1, E810-4V Type-1, AM782HC4V Type-2, FMFP70979 Type-1 Compressors

## COMPRESSOR DISCHARGE TUBES

**CPE7024**

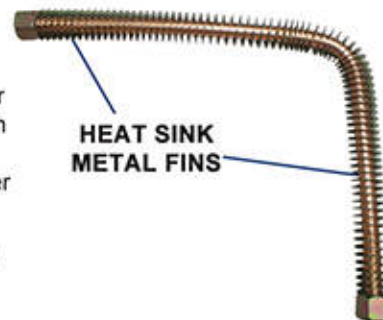
1/4" Compressor Copper Discharge Tube with 1/4" Compression Nuts for IP C1000 & other Compressors

Length = 13" Long

**CPE7034**

After Cooler Copper Discharge Tube with Compression Nuts for IP C2000 & other Compressors

Length = 16" Long



HEAT SINK  
METAL FINES

## COMPRESSOR CHECK VALVES

**CVC7021**

Fits IP C1000 & other Compressors

**CVC7031**

Fits IP C2000 & other Compressors



with Cold Start Valve

**CVC7041**

Fits Emglo & other Compressors

**CVC7042**  
Fits Emglo & other Compressors



**CVC7043**  
Fits Emglo & other Compressors



**CVC7044**  
Fits Emglo & other Compressors





## PRESSURE WASHER SPRAY GUNS

### FRONT INLET MODEL: PW7170

Max. Pressure 3200 PSI  
Inlet M22 Male  
Outlet M22 Female  
Max. Flow 7 GPM  
Max. Temperature 140°F



### REAR INLET MODEL: PW7171

Max. Pressure 3200 PSI  
Inlet M22 Male  
Outlet M22 Female  
Max. Flow 7 GPM  
Max. Temperature 140°F



### REAR INLET MODEL: PW7172

Max. Pressure 4000 PSI  
Inlet 3/8" FNPT  
Outlet 1/4" FNPT  
Max. Flow 7 GPM  
Max. Temperature 210°F



### REAR INLET MODEL: PW7173

Max. Pressure 5000 PSI  
Inlet 3/8" FNPT  
Outlet 1/4" FNPT  
Max. Flow 10.5 GPM  
Max. Temperature 300°F



MODEL: PW7177 12" Molded Lance  
MODEL: PW7178 16" Molded Lance  
MODEL: PW7179 24" Molded Lance  
MODEL: PW7180 36" Molded Lance

Max. Pressure 4000 PSI  
Inlet 1/4" MNPT  
Outlet 1/4" MNPT  
Max. Temperature 300°F



MODEL: PW7181 Front Lance  
M22 x 14mm / 1/4" Quick Coupler / 16" Long

MODEL: PW7182 Front Lance  
M22 x 14mm / 1/4" Quick Coupler / 24" Long

MODEL: PW7183 Front Lance  
M22 x 14mm / 1/4" Quick Coupler / 36" Long

Max. Pressure 4000 PSI  
Inlet M22 x 14 mm  
Outlet 1/4" QC  
Max. Temperature 300°F

## AXIAL PISTON PUMP FOR 3/4" KEY SHAFT GASOLINE ENGINE

**PW5100****Features:**

Breathing cap reduces the pressure in oil case  
 Oil sightglass guarantees the correct oil volume  
 Thermal valve protects pump from overheating  
 Detergent suction port / with adjustment valve

Pressure	2500 PSI
Inlet	3/4" Male GHT
Outlet	M22 Male x 14mm
Flow	2.2 GPM
Engine Power	5.5HP
Speed	3400 RPM

## AXIAL PISTON PUMP FOR 3/4" KEY SHAFT GASOLINE ENGINE

**PW5200****Features:**

Breathing cap reduces the pressure in oil case  
 Oil sightglass guarantees the correct oil volume  
 Thermal valve protects pump from overheating  
 Detergent suction port / with adjustment valve  
 Build in Unloader

Pressure	3000 PSI
Inlet	3/4" Female GHT
Outlet	M22 Male x 14mm
Flow	2.3 GPM
Engine Power	6.5HP
Speed	3400 RPM

## STEEL BRAIDED RUBBER HOSES

**PW7200**

Size: 1/4" x 25 ft  
 Fittings: 3/8" MNPT Fixed x 3/8" MNPT Swivel  
 Working Pressure: 4000 PSI  
 Burst Pressure: 12000 PSI  
 Max Temperature: 210°F

**PW7201**

Size: 3/8" x 50 ft  
 Fittings: 3/8" MNPT Fixed x 3/8" MNPT Swivel  
 Working Pressure: 4000 PSI  
 Burst Pressure: 12000 PSI  
 Max Temperature: 210°F

## STEEL BRAIDED PVC HOSES

**PW7202**

Size: 1/4" x 25 ft  
 Fittings Size: M22 Female  
 (Inlet/Outlet) with 14 mm Post  
 Working Pressure: 3200 PSI  
 Burst Pressure: 9600 PSI  
 Max Temperature: 140°F

## HOSE REEL

**PW7190**

Hose Not Included  
 Inlet: 3/8" MNPT  
 Outlet: 3/8" FNPT  
 Capacity: 100 Ft.  
 Mounting Holes  
 3 Ft. Lead Hose & Swivel  
 Fitting included

## NOZZLE TIP SET WITH DETERGENT TIP 0°,15°, 25°, 40° & 65° (5 PC KIT)



5 QUICK CONNECT HIGH PRESSURE  
SPRAY NOZZLES

0°, 15°, 25° & 40° NOZZLES ARE  
STAINLESS STEEL

65° NOZZLE IS BRASS

MODEL #	SIZE	MAX FLOW	
<b>PW7100</b>	25	2.5 GPM	0°,15°, 25°, 40° & 65° Detergent Tip
<b>PW7101</b>	30	3.0 GPM	0°,15°, 25°, 40° & 65° Detergent Tip
<b>PW7102</b>	35	3.5 GPM	0°,15°, 25°, 40° & 65° Detergent Tip
<b>PW7103</b>	40	4.0 GPM	0°,15°, 25°, 40° & 65° Detergent Tip
<b>PW7104</b>	45	4.5 GPM	0°,15°, 25°, 40° & 65° Detergent Tip

- 0° (Red) - Pencil Jet Nozzle
- 15° (Yellow) - High Performance Nozzle
- 25° (Green) - Multi Purpose Nozzle
- 40° (White) - Sensitive Surface Nozzle
- 65° (Black) Detergent Application (low pressure) Nozzle

## 1/4" FNPT MULTI FLOW ADJUSTABLE SPRAY NOZZLE (MAX O.P. 3000 PSI)



Multi Flow Adjustable Spray Nozzle.  
0° to 80° flat stream.

MODEL #	SIZE	MAX FLOW
<b>PW7110</b>	35	3.5 GPM
<b>PW7111</b>	40	4.0 GPM
<b>PW7112</b>	50	5.0 GPM
<b>PW7113</b>	45	4.5 GPM
<b>PW7114</b>	55	5.5 GPM

## QUICK CONNECT TURBO SPRAY NOZZLE (MAX O.P. 3000 PSI)



Comes with  
1/4" Plug

Quick Connect Turbo Spray Nozzle  
creates a powerful jet of water. Ideal for  
clearing Brick, Concrete and Vinyl.

MODEL #	SIZE	MAX FLOW
<b>PW7120</b>	25	2.5 GPM
<b>PW7121</b>	30	3.0 GPM
<b>PW7122</b>	35	3.5 GPM
<b>PW7123</b>	40	4.0 GPM
<b>PW7124</b>	45	4.5 GPM

## GARDEN HOSE PLUGS BLACK PLASTIC



MODEL #  
**PW7138**

SIZE  
3/4-11.5 NH Female



MODEL #  
**PW7139**

SIZE  
3/4-11.5 NH Male



**SURFACE CLEANER 18"****MODEL: PW5303**

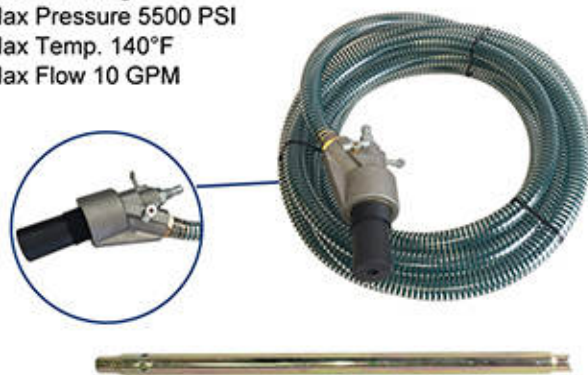
18" Surface Dia  
 Max Pressure 4000 PSI  
 Max Flow 7 GPM  
 Max Temp 180°F  
 Inlet 3/8" Plug  
 No Casters

**TELESCOPING WAND 18FT****MODEL: PW5304**

18 Ft. Max Length  
 6-1/2 Ft. Min Length  
 Max Pressure 4000 PSI  
 Max Flow 8 GPM  
 Max Temp 210°F  
 Pole Inlet 3/8" Quick Coupler  
 Pole Outlet 22mm x 14mm Post Female  
 Tip Inlet 22mm x 14mm Post  
 Tip Outlet 1/4" Quick Coupler

**WET SAND BLASTER****INDUSTRIAL & COMMERCIAL APPLICATION****MODEL: PW5300**

Hose 25 Ft long  
 Tip 15° Degree for upto 3500 PSI  
 Inlet 1/4" Plug  
 Max Pressure 5500 PSI  
 Max Temp. 140°F  
 Max Flow 10 GPM

**WET SAND BLASTER****DIY APPLICATION****MODEL: PW5301**

Hose 18 Ft long  
 Tip 0° Degree  
 Inlet 1/4" Plug  
 Max Pressure 3500 PSI  
 Max Temp. 140°F  
 Max Flow 10 GPM



## 1/4" BRASS COUPLERS



**PW7130** 1/4" FNPT  
**PW7131** 1/4" MNPT

MAX O.P. 5200 PSI MAX TEMP 300°F

## 3/8" BRASS COUPLERS



**PW7140** 3/8" FNPT  
**PW7141** 3/8" MNPT  
**PW7152** M22 Male  
**PW7154** M22 Female

MAX O.P. 2700 PSI MAX TEMP 300°F

## 1/2" BRASS COUPLERS



**CNV880B** 1/2" FNPT

MAX O.P. 2200 PSI MAX TEMP 300°F

## STAINLESS STEEL COUPLERS



**PW7135** 1/4" FNPT  
**PW7136** 1/4" MNPT  
**PW7144** 3/8" FNPT  
**PW7147** 3/8" MNPT

MAX O.P. 5200 PSI MAX TEMP 300°F

## BRASS PLUGS



**CPNV440B** 1/4" FNPT  
**CPNV441B** 1/4" MNPT  
**CPNV660B** 3/8" FNPT  
**CPNV661B** 3/8" MNPT  
**CPNV880B** 1/2" FNPT

MAX O.P. 1/4" 5200 PSI / 3/8" 2700 PSI / 1/2" 2200 PSI  
MAX TEMP 300°F

## STEEL PLUGS



**PW7132** 1/4" FNPT  
**PW7133** 1/4" MNPT  
**PW7142** 3/8" FNPT  
**PW7143** 3/8" MNPT  
**PW7155** M22 Female  
**PW7156** M22 Male

MAX O.P. 5200 PSI MAX TEMP 300°F

## STAINLESS STEEL PLUGS



**PW7134** 1/4" FNPT  
**PW7137** 1/4" MNPT  
**PW7145** 3/8" FNPT  
**PW7146** 3/8" MNPT

MAX O.P. 5200 PSI MAX TEMP 300°F

## M22 x NPT BRASS ADAPTERS



**PW7150** M22 Male x 1/4" FNPT  
**PW7151** M22 Male x 3/8" FNPT  
**PW7513** M22 Female x 3/8" MNPT

MAX O.P. 4000 PSI MAX TEMP 300°F

## WATER FILTERS



**PW7160**  
1/4" Stainless Steel  
Plug x 1/4" MNPT 10.5 GPM

MAX. OP 5000 PSI MAX. TEMP. 300°F



**PW7162**  
Filter with  
3/4" Female GHT x 1/2" Male NPT  
10.5 GPM

MAX. OP 300 PSI MAX. TEMP. 140°F

## ADJUSTABLE SOAP INJECTOR



**PW7161**

Soap Injector with  
3/8" Plug x 3/8" Coupler  
Max. Pressure 4000 PSI  
Flow 2.1 to 3.5 GPM  
Max Temperature 300°F

## BRASS SWIVEL FITTINGS



**PW7165** 1/4" MNPT x 1/4" FNPT  
**PW7166** 3/8" MNPT x 3/8" FNPT

MAX. OP 4000 PSI MAX. TEMP. 300°F

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Connecting A Changing World



59



89-91



55



26



64



75



**INTERSTATE PNEUMATIC  
MANUFACTURING**

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