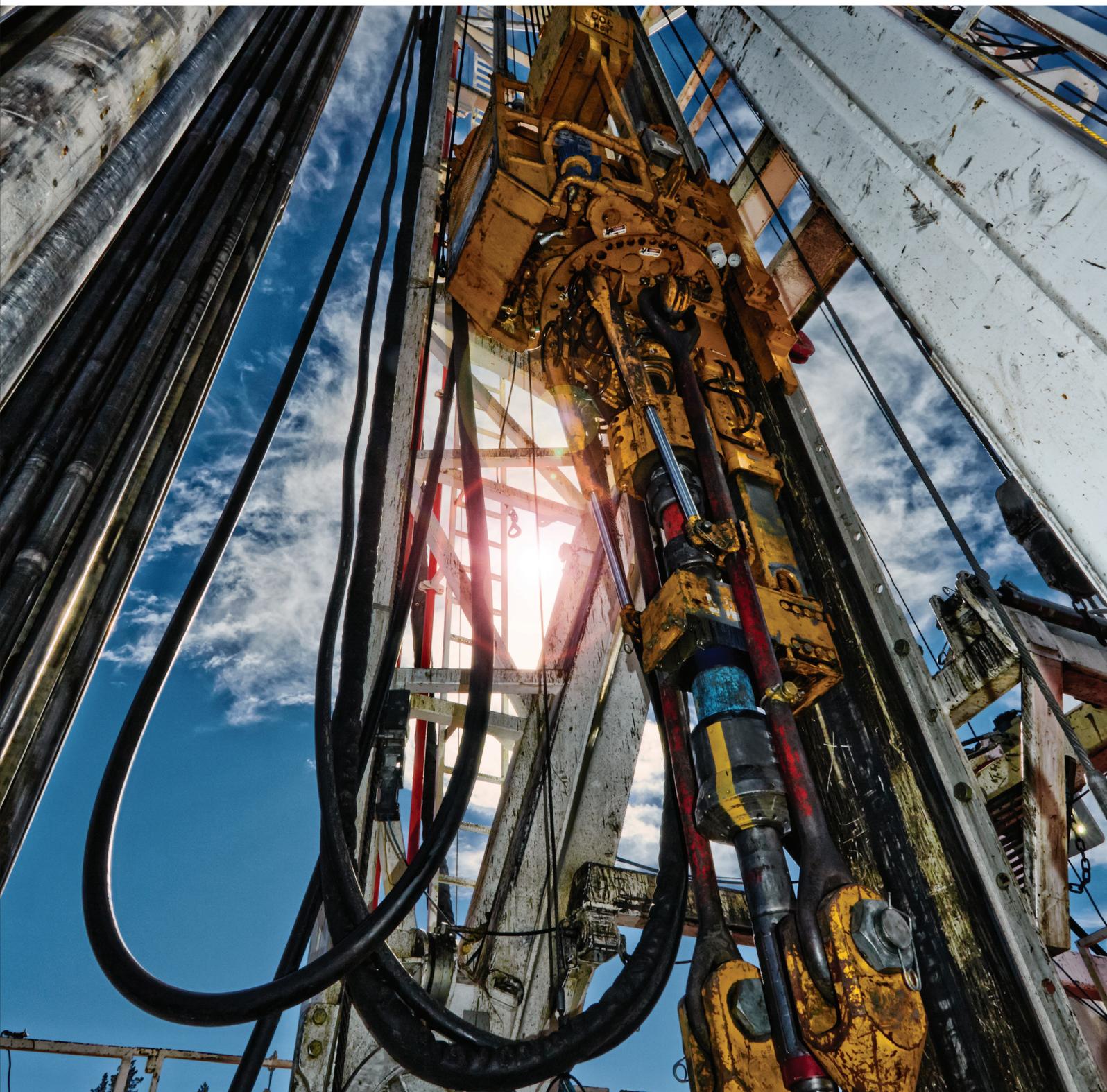


# HOSE





## Hydraulic Hose and Fitting Products

### Proper Assembly of Continental Hose and Fittings

Continental hose, fittings and crimping equipment work together to provide an efficient and reliable hose connection. Hose and fittings are part of an engineered system and are to be assembled in accordance with Continental specifications. Using non-Continental components may produce an assembly that does not meet rated performance. **Continental does not warrant, expressly or by implication, hose assemblies that do not incorporate Continental hose and fittings or are not crimped in accordance with Continental process specifications.**

Buyers may elect to attach additional or non-standard parts or equipment, or to use different manufacturing specifications, as necessary to meet the requirements of the buyer or customer's application. In such cases, the buyer has sole responsibility to qualify the hose for these applications as necessary to ensure performance capability.

For guidance in the assembly of Continental hose and couplings, please refer to the Continental Crimp Specifications Manual. Information in this catalog is believed to be accurate, but is not warranted and is subject to change without prior notice. For the most current available product and crimp specifications information, please check our website: [www.continental-industry.com](http://www.continental-industry.com).

### Warning - Selection of Hose

Selection of the proper hose for the application is essential to the proper operation and safe use of the hose and related equipment. Inadequate attention to selection of the hose for your application can result in hose leakage, bursting or other failure, which can cause serious bodily injury or property damage from spraying fluids or flying projectiles. Some of the factors involved in the selection of the proper hose include:

- › Hose Size
- › Fluid Conveyed
- › Hose Pressure
- › Hose Length
- › Bends
- › Static Head Pressure
- › Hose Ends
- › Temperature
- › Installation Design

The above factors and information provided in this catalog should be considered in selecting the proper hose for your application.

# HOSE

**Continental** 

# Layline Updates

## BIGGER, BOLDER, SIMPLER.

Our hydraulic hose laylines have been updated to include the most significant information about the hose, on the hose. Special icons make it quicker and easier to identify a hose's length, corresponding fittings and attributes. To top it off, new logos give more of an edge to our branding.



## How to Read a Layline



**LOOK FOR HIGHLIGHTED ATTRIBUTE**  
New attribute indicators for key features.

### HOSE ATTRIBUTES

- High / Low Temperature
- Constant Pressure
- Extended Life™ Cover
- ARMORCOAT™ Resistance
- Flame Resistance
- Non-Conductive / Conductive
- Ultra-Flexible
- 1/2 Bend Radius

**Layline Updates**  
How to Read a Layline



## PART NUMBER DESIGNATIONS

	DESCRIPTION	PAGE
<b>EXTENDED LIFE</b>		
EXTENDED LIFE™ XR16SC	SAE 100R16SC / EN 857 2SC	32
<b>CONSTANT PRESSURE</b>		
EXTENDED LIFE™ XCP3	SAE 100R17 (Constant Pressure 3000 psi)	34
ARMORCOAT™ ACP3	SAE 100R17 (Abrasion Cover)	35
EXTENDED LIFE™ XCP4	SAE 100R19 / ISO 11237	36
ARMORCOAT™ ACP4	SAE 100R19 (Abrasion Cover)	37
EXTENDED LIFE™ XCP3S	SAE 100R12	38
EXTENDED LIFE™ XCP4S	SAE 100R12 / EN 856 4SH	39
EXTENDED LIFE™ XCP5S	SAE 100R13	40
EXTENDED LIFE™ XCP6S	SAE 100R15 / EN 856 4SP	41
<b>ARMORCOAT</b>		
ARMORCOAT™ ARC16SC	SAE 100R16 / EN 857 2SC (Abrasion Cover)	43
ARMORCOAT™ ARC12	SAE 100R12 / EN 856 R12 (Abrasion Cover)	44
ARMORCOAT™ ARC13	SAE 100R13 / EN 856 R13 (Abrasion Cover)	45
ARMORCOAT™ ARC15	SAE 100R15 (Abrasion Cover)	46
<b>HIGH TEMPERATURE</b>		
DESERT® DR1SN	SAE 100R1AT/1SN (High Temperature)	48
DESERT® DR2SN	SAE 100R2AT/2SN (High Temperature)	49
DESERT® DR16SC	SAE 100R16SC (High Temperature)	50
DESERT® DR5	SAE 100R5 (High Temperature, Fleet Application)	51
DESERT® DUT	SAE J1402 A1 (High Temperature, Fleet Application)	52
HR6	SAE 100R6 / EN 854 R6 (High Temperature)	53
<b>LOW TEMPERATURE</b>		
ARCTIC® LR16SC	SAE 100R16 / EN 857 2SC (Low Temperature)	55
ARCTIC® LR2SN	SAE 100R2AT/2SN (Low Temperature)	56
ARCTIC® LCP3	SAE 100R17 (Low Temperature)	57
ARCTIC® LCP4S	SAE 100R12 / EN 856 4SH (Low Temperature)	58
ARCTIC® LCP6S	SAE 100R15 / EN 857 4SP (Low Temperature)	59
<b>CLASSIC</b>		
SR1SN	SAE 100R1AT/1SN	61
SR2SN	SAE 100R2AT/2SN	62
SR16SC	SAE 100R16 / EN 857 2SC	63
SCP3	SAE 100R17 (Constant Pressure)	64
SR3	SAE 100R3 / EN 854 R3	65
SR5	SAE 100R5 (Fleet Application)	66
SR6	SAE 100R6 / EN 854 R6	67

	DESCRIPTION	PAGE
<b>CLASSIC</b> <i>Continued</i>		
SR12	SAE 100R12 / EN 856 R12	68
SR13	SAE 100R13 / EN 856 R13	69
SR15	SAE 100R15	70
S4SH	EN 856 4SH / DIN 20023 4SH	71
S4SP	EN 856 4SP / DIN 20023 4SP	72
<b>SPECIAL APPLICATION</b>		
SGUN	Grease Gun Hose (Special Application)	74
SHJ	Jack Hose (Special Application)	75
NSFX	Saflex® (Non-Conductive)	76
SR14A	SAE 100R14A (Stainless Steel Cover, Teflon® Tube)	77
SFS	SAE 100R1AT/1SN (Fire Suppression)	78
PROSPECTOR™ BOP 3000	Special Application (Blowout Preventer)	79
PROSPECTOR™ BOP 5000	Very High Pressure (Blowout Preventer)	80
PROSPECTOR™ HOT OILER	Special Application	81
<b>MILITARY</b>		
MIL-DTL-13444H-I	Type I (Military Application)	83
MIL-DTL-13444H-III	Type III (Military Application)	84
MIL-DTL-13531	Type II Class A (Military Application)	85
MIL-DTL-3992	Type I Class 1 (Military Application)	86
MIL-DTL-8788	Hydraulic Hose (Military Application)	87
<b>INSTA-GRIP</b>		
IG	Insta-Grip™ 300 Push-On (Rubber Cover)	89
IGTC	Insta-Grip™ TC Push-On (Textile Cover)	90
IGHT	Insta-Grip™ HT 300 Push-On (High Temperature)	91
FXG	FLEXAGrip™ Push-On (Carbryn® Rubber Cover)	92
<b>THERMOPLASTIC</b>		
SR7	SAE 100R7 / EN 855 R7	94
SR8	SAE 100R8 / EN 855 R8	95
NR7	SAE 100R7 (Non-Conductive)	96
NR8	SAE 100R8 (Non-Conductive)	97
TR7	SAE 100R7 (Twin-Line)	98
TR8	SAE 100R8 (Twin-Line)	99
BR7	SAE 100R7 (Twin-Line, Non-Conductive)	100
SR18	SAE 100R18	101
<b>SUCTION / DISCHARGE</b>		
HR4	SAE 100R4 (High Temperature)	103

# Hydraulic Hose Nomenclature

EXAMPLE: **D - R2SN - 12**

## HOSE ATTRIBUTE

## HOSE SPECIFICATION

## HOSE DASH SIZE

### First Character of Part Number

H	High Temperature (Desert®), 275°F
L	Low Temperature (Arctic®)
A	Abrasion Cover (Armorcoat™)
N	Non-conductive
T	Twin-Line
B	Both Non-Conductive and Twin-Line
S	Standard Specification Hose
D	High Temperature (Desert®), 302°F
X	Extended Life™ Abrasion Resistance Cover

Note: Push-On Hose (IG, IGHT, IGTC) and Military Hose (MIL, M) do not have a one-digit Hose Attribute character.

### Next 2-5 Characters of Part Number, Before Hyphen

R1SN	SAE 100R1AT/1SN
FS	Fire Suppression (SAE 100R1AT/1SN)
R2SN	SAE 100R2AT/2SN
R3	SAE 100R3/EN 854 R3
R4	SAE 100R4
R5	SAE 100R5
UT	Universal Truck Hose (SAE J1402 A1)
R6	SAE 100R6/854 R6
R7	SAE 100R7/855 R7
SFX	Saflex®
R8	SAE 100R8/855 R8
4SH	EN 856 4SH/DIN 20023 4SH
4SP	EN 856 4SP/DIN 20023 4SP
R12	SAE 100R12/856 R12
R13	SAE 100R13/856 R13
R14A	SAE 100R14
R15	SAE 100R15
R16SC	SAE 100R16/857 2SC
CP3	SAE 100R17
CP4	SAE 100R19/ISO 11237
CP5	SAE 100R13
CP6	SAE 100R15/EN 856 4SP
CP3S	SAE 100R12
CP4S	SAE 100R12/EN 856 4SH
CP5S	SAE 100R13
CP6S	SAE 100R13/EN 856 4SP
R18	SAE 100R18
BOP	Prospector™ BOP 3000, 5000
GUN	Grease Gun Hose
HJ	Jack Hose
IG	Insta-Grip™ 300 (Push-On)
IGTC	Insta-Grip™ TC (Push-On)
IGHT	Insta-Grip™ HT 300 (Push-On)
FXG	FLEXAGrip™ (Push-On)
M / MIL	Military Hose

### Last 2 Characters of Part Number, After Hyphen (Hose Inside Diameter)

All hose except R5 and UT:

02	1/8" (32 mm)
03	3/16" (4.8 mm)
04	1/4" (6.4 mm)
05	5/16" (7.9 mm)
06	3/8" (9.5 mm)
08	1/2" (12.7 mm)
10	5/8" (15.9 mm)
12	3/4" (19 mm)
16	1" (25.4 mm)
20	1 1/4" (31.8 mm)
24	1 1/2" (38.1 mm)
32	2" (50.8 mm)
40	2 1/2" (63.5 mm)
48	3" (76.2 mm)
56	3 1/2" (89 mm)
64	4" (101.6 mm)

SAE 100R5 and UT hose:

04	3/16" (4.8 mm)
05	1/4" (6.4 mm)
06	5/16" (7.9 mm)
08	13/32" (10.3 mm)
10	1/2" (12.7 mm)
12	5/8" (15.9 mm)
14	3/4" (19.1 mm)
16	7/8" (22.2 mm)
20	1 1/8" (28.6 mm)
24	1 3/8" (35 mm)
32	1 3/4" (46 mm)

Note: Military Hose utilize unique military dash sizes.

## HOSE



## General Information

Hose Nomenclature

# Arctic LCP4S

Arctic LCP4S is made for high-pressure service with tight bends for petroleum- and water-based hydraulic fluids.



## PERFORMANCE + SPECS

Meets or exceeds the performance requirements of:

**SAE 100R12**  
**EN 856 4SH**

Meets flame resistance  
**USMSHA Designation**

### Inner Tube

Black nitrile synthetic rubber

### Reinforcement

Four or six layers of spiraled high-tensile steel wire

### Cover

Black CR (Polychloroprene)

### Temperature Range

-70 F to 212 F (-57 C to 100 C)

## KEY FEATURES



Handles low temperature



Made for tight bends



4:1 Safety Factor

## BRANDING



**ARCTIC® LCP4S-12**

SAE 100R12, EN 856  
1"

**4100 PSI** 28.0 MPa  
280 BAR

**MSHA 2G-IC-14C/45**

#	SAP	Hose Size ID	Hose OD	Max. Working Pressure	Min. Bend Radius	Weight	Fitting			
Part Number	SAP Number	in.	in.	mm	psi	MPa	in.	mm	lb./ft.	
LCP4S-06	21057238	3/8	0.80	20.25	4100	28.0	2.6	65	0.40	SG
LCP4S-08	21065598	1/2	0.94	23.80	4100	28.0	3.5	90	0.52	SG
LCP4S-10	21065609	5/8	1.08	27.40	4100	28.0	3.9	100	0.70	SG
LCP4S-12	21057239	3/4	1.21	30.70	4100	28.0	4.7	120	0.90	SG
LCP4S-16	21065571	1	1.50	38.00	4100	28.0	5.9	150	1.20	SG
LCP4S-20	21058020	1 1/4	1.79	45.50	4100	28.0	10.6	270	1.71	SG

## HOSE



## Arctic LCP4S

High Pressure

### Compatible Fittings

All fittings compatible with Arctic LCP4S are listed in Section 2 (starting on page 179).

# Hose Working Pressure Selection Guide

## Hose Dash Size and Recommended Working Pressures

This table is to be used as a guide in the selection of hose by maximum working pressure. The recommended maximum working pressure should not be the only factor in hose selection. Final selection of the hose is further dependent on fluid and ambient temperatures, the concentration of the fluid and intermittent or continuous exposure.

Pressure Range	Family Part #	Hose Description	Dash Size							
			02	03	04	05	06	08	10	12
			Hose ID							
			1/8"	3/16"	1/4" R5, UT: 3/16"	5/16" R5, UT: 1/4"	3/8" R5: 5/16"	1/2" R5, UT, AC: 13/32"	5/8" R5, UT, AC: 1/2"	3/4" R5, UT, AC: 5/8"
Low Pressure	SR6	SAE 100R6 / EN 854 R6		500	400	400	400	400	350	300
	HR6	SAE 100R6 / EN 854 R6 (High Temperature)			400	400	400	400	350	300
	HR4	SAE 100R4								350
	SR3	SAE 100R3 / EN 854 R3			1250	1200	1125	1000		750
Low Pressure Push-On	IG	Insta-Grip™ 300 (Non-Conductive)			300	300	300	300	300	300
	IGHT	Insta-Grip™ HT 300 (High Temperature)			300		300	300	300	300
	IGTC	Insta-Grip™ TC			300	300	300	300	300	300
	FXG	FLEXAGrip™		400	400		400	400	400	400
Medium Pressure	SR1SN	SAE 100R1AT / 1SN		3625	3260	3120	2615	2320	1890	1530
	Desert® DR1SN	SAE 100R1AT / 1SN (High Temperature)			3270		2615	2320	1890	1530
	SFS	SAE 100R1AT (Fire Suppression)			2750		2250	2000		1250
High Pressure	SR2SN	SAE 100R2AT / 2SN		6000	5800		4800	4000	3630	3120
	Desert® DR2SN	SAE 100R2AT / 2SN (High Temperature)			5800		4800	4000	3630	3120
	XR16SC	SAE 100R16 / EN 857 2SC			5800		5000	5000	4000	3500
	Arctic® LR16SC	SAE 100R16 / EN 857 2SC			5800		5000	4500	4000	3500
	Arctic® LR2SN	SAE 100R2AT / 2SN (Low Temperature)			5000		4800	4000	3630	3120
	Arctic® LCP3	SAE 100R17			3250		3250	3250		
	Arctic® LCP4S	SAE 100R12 / EN 856 4SH					4100	4100	4100	4100
	Arctic® LCP6S	SAE 100R15 / EN 857 4SP					6100	6100	6100	6100
	DR16SC	SAE 100R16 / EN 857 2SC			5075		5000	4500	4000	3500
	SR16SC	SAE 100R16 / EN 857 2SC			5800		5000	5000	4000	3500
	Armorcoat™ ARC16SC	SAE 100R16 / EN 857 2SC (Abrasion Cover)			5800		5000	5000	4350	3500

**HOSE**



## General Information

Working Pressure Selection Guide

## Hose Working Pressure Selection Guide

Pressure Range	Family Part #	Hose Description	Dash Size								
			14	16	20	24	32	40	48	56	64
			Hose ID								
			7/8" UT, AC: 3/4"	1" R5, UT: 7/8"	1 1/4" R5, UT: 1 1/8"	1 1/2" R5: 1 3/8"	2" R5: 1 13/16"	2 1/2"	3"	3 1/2"	4"
Low Pressure	SR6	SAE 100R6 / EN 854 R6									
	HR6	SAE 100R6 / EN 854 R6 (High Temperature)									
	HR4	SAE 100R4		325	250	225	225	140	135		100
	SR3	SAE 100R3 / EN 854 R3		565	377				58		
Low Pressure Push-On	IG	Insta-Grip™ 300 (Non-Conductive)		300							
	IGHT	Insta-Grip™ HT 300 (High Temperature)									
	IGTC	Insta-Grip™ TC									
	FXG	FLEXAGrip™		400							
Medium Pressure	SR1SN	SAE 100R1AT / 1SN		1280	920	730	580				
	Desert® DR1SN	SAE 100R1AT / 1SN (High Temperature)		1280	920	730	580				
	SFS	SAE 100R1AT (Fire Suppression)		1000							
High Pressure	SR2SN	SAE 100R2AT / 2SN		2400	1820	1310	1160				
	Desert® DR2SN	SAE 100R2AT / 2SN (High Temperature)		2400							
	XR16SC	SAE 100R16 / EN 857 2SC		3000	2250						
	Arctic® LR16SC	SAE 100R16 / EN 857 2SC		3000							
	Arctic® LR2SN	SAE 100R2AT / 2SN (Low Temperature)		2400	1820		1160				
	Arctic® LCP3	SAE 100R17									
	Arctic® LCP4S	SAE 100R12 / EN 856 4SH		4100	4100						
	Arctic® LCP6S	SAE 100R15 / EN 857 4SP		6100	6100						
	DR16SC	SAE 100R16 / EN 857 2SC		3000							
	SR16SC	SAE 100R16 / EN 857 2SC		3000	1813						
	Armorcoat™ ARC16SC	SAE 100R16 / EN 857 2SC (Abrasion Cover)		3000							

## Hose Working Pressure Selection Guide

Pressure Range	Family Part #	Hose Description	Dash Size								
			02	03	04	05	06	08	10	12	
			Hose ID								
			1/8"	3/16"	1/4" R5, UT: 3/16"	5/16" R5, UT: 1/4"	3/8" R5: 5/16"	1/2" R5, UT, AC: 13/32"	5/8" R5, UT, AC: 1/2"	3/4" R5, UT, AC: 5/8"	
High Pressure	XCP3	SAE 100R17 (Constant Pressure)			3250		3250	3250	3250	3250	
	SCP3	SAE 100R17 (Constant Pressure)			3045		3045	3045	3045	3045	
	Armorcoat™ ACP3	SAE 100R17 (Abrasion Cover)			3250		3250	3250	3250		
Very High Pressure	XCP4	SAE 100R19 / ISO 11237			4060		4060	4060	4060	4060	
	XCP3S	SAE 100R12									
	XCP4S	SAE 100R12 / EN 856 4SH					4100	4100	4100	4100	
	XCP5S	SAE 100R13					5100	5100	5100	5100	
	XCP6S	SAE 100R15 / EN 856 4SP					6100	6100	6100	6100	
	SR12	SAE 100R12 / EN 856 R12					4100	4100	4100	4100	
	Armorcoat™ ARC12	SAE 100R12 / EN 856 R12 (Abrasion Cover)					4100	4100	4100	4100	
	SR13	SAE 100R13 / EN 856 R13								5100	
	ARC13	SAE 100R13 / EN 856 R13 (Abrasion Cover)						6100		6100	
	SR15	SAE 100R15						6100		6100	
	Armorcoat™ ARC15	SAE 100R15 (Abrasion Cover)						6100		6100	
	S4SP	EN 856 4SP						6455	6020	5075	5510
	S4SH	EN 856 4SH									6090
	Thermo-plastic	SR7	SAE 100R7 / EN 855 R7	2500	3000	3000	2500	2250	2000		1250
TR7		SAE 100R7 (Twin-Line)		3000	3000	2500	2250	2000			
NR7		SAE 100R7 (Non-Conductive)	2500	3000	2750	2500	2250	2250		1250	
BR7		SAE 100R7 (Twin-Line, Non-Conductive)			2750	2500	2250	2250			
SR8		SAE 100R8 / EN 855 R8		5000	5000		4000	3500			
TR8		SAE 100R8 (Twin-Line)					4000	3500			
NR8		SAE 100R8 (Non-Conductive)			5000		4000	3500			
SR18		SAE 100R18			3000	3000	3000	3000			

**HOSE**


### General Information

Working Pressure Selection Guide

## Hose Working Pressure Selection Guide

Pressure Range	Family Part #	Hose Description	Dash Size								
			14	16	20	24	32	40	48	56	64
			Hose ID								
			7/8" UT, AC: 3/4"	1" R5, UT: 7/8"	1 1/4" R5, UT: 1 1/8"	1 1/2" R5: 1 3/8"	2" R5: 1 13/16"	2 1/2"	3"	3 1/2"	4"
<b>High Pressure</b>	XCP3	SAE 100R17 (Constant Pressure)		3250							
	SCP3	SAE 100R17 (Constant Pressure)		3045							
	Armorcoat™ ACP3	SAE 100R17 (Abrasion Cover)									
<b>Very High Pressure</b>	XCP4	SAE 100R19 / ISO 11237									
	XCP3S	SAE 100R12			3100	3100	3100				
	XCP4S	SAE 100R12 / EN 856 4SH		4100	4100	4100	4100				
	XCP5S	SAE 100R13		5100	5100	5100	5100				
	XCP6S	SAE 100R15 / EN 856 4SP		6100	6100	6100	6100				
	SR12	SAE 100R12 / EN 856 R12		4100	3050	2550	2550				
	Armorcoat™ ARC12	SAE 100R12 / EN 856 R12 (Abrasion Cover)		4100	3050	2550	2550				
	SR13	SAE 100R13 / EN 856 R13		5100	5100	5100	5100				
	Armorcoat™ ARC13	SAE 100R13 / EN 856 R13 (Abrasion Cover)		5100	5100	5100	5100				
	SR15	SAE 100R15		6100	6100	6100					
	Armorcoat™ ARC15	SAE 100R15 (Abrasion Cover)		6100							
	S4SP	EN 856 4SP		4640							
	S4SH	EN 856 4SH		5510	5080	4025	3650				
	<b>Thermo-plastic</b>	SR7	SAE 100R7 / EN 855 R7		1000						
TR7		SAE 100R7 (Twin-Line)									
NR7		SAE 100R7 (Non-Conductive)		1000							
BR7		SAE 100R7 (Twin-Line, Non-Conductive)									
SR8		SAE 100R8 / EN 855 R8									
TR8		SAE 100R8 (Twin-Line)									
NR8		SAE 100R8 (Non-Conductive)									
SR18		SAE 100R18									

## Hose Working Pressure Selection Guide

Pressure Range	Family Part #	Hose Description	Dash Size							
			02	03	04	05	06	08	10	12
			Hose ID							
			1/8"	3/16"	1/4" R5, UT: 3/16"	5/16" R5, UT: 1/4"	3/8" R5: 5/16"	1/2" R5, UT, AC: 13/32"	5/8" R5, UT, AC: 1/2"	3/4" R5, UT, AC: 5/8"
<b>Special Application</b>	NSFX	Saflex® (Non-Conductive)			2750		2250	2000		
	BOP	Prospector™ BOP (Blowout Preventor)					3000 / 5000	3000 / 5000		3000 / 5000
	SGUN	Grease Gun Hose		3000						
	SHJ	Jack Hose			10000		10000			
	Hot Oiler	Prospector™ Hot Oiler								
<b>Fleet Application</b>	SR14A	SAE 100R14A		3000	3000	2500	2250	1500	1200	1100
	SR5	SAE 100R5			3000	3000	2250	2000	1750	1500
	Desert® DR5	SAE 100R5 (High Temperature)			3000	3000	2250	2000	1750	1500
	Desert® DUT	Universal Truck			2000	1500	1500	1250	1000	750
<b>Military Application</b>	MIL-DTL-13444H-I	MIL-DTL-13444 Type I		425	300	275	250	200	175	125
	MIL-DTL-13444H-III	MIL-DTL-13444 Type III			1500	1500	1000	1000	875	750
	MIL-DTL-13531	MIL-DTL-13531 Type II Class A		5000	5000	4250	4000	3500	2750	2250
	MIL-DTL-39921	MIL-DTL-39921 Type I Class I					200		200	
	MIL-DTL-8788	MIL-DTL-8788			3000	3000	3000	3000	3000	3000

# HOSE



## General Information

Working Pressure Selection Guide

## Hose Working Pressure Selection Guide

Pressure Range	Family Part #	Hose Description	Dash Size								
			14	16	20	24	32	40	48	56	64
			Hose ID								
			7/8"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
			UT, AC: 3/4"	R5, UT: 7/8"	R5, UT: 1 1/8"	R5: 1 3/8"	R5: 1 13/16"				
<b>Special Application</b>	NSFX	Saflex® (Non-Conductive)									
	BOP	Prospector™ BOP (Blowout Preventor)		3000 / 5000	5000	5000	5000				
	SGUN	Grease Gun Hose									
	SHJ	Jack Hose									
	Hot Oiler	Prospector™ Hot Oiler				2500					
<b>Fleet Application</b>	SR14A	SAE 100R14A		900							
	SR5	SAE 100R5		800	625	500	350				
	Desert® DR5	SAE 100R5 (High Temperature)		800	625	500	350				
	Desert® DUT	Universal Truck		400	300						
<b>Military Application</b>	MIL-DTL-13444H-I	MIL-DTL-13444 Type I									
	MIL-DTL-13444H-III	MIL-DTL-13444 Type III			375	300					
	MIL-DTL-13531	MIL-DTL-13531 Type II Class A		2000	2000						
	MIL-DTL-39921	MIL-DTL-39921 Type I Class I									
	MIL-DTL-8788	MIL-DTL-8788			3000						

### General Information

Working Pressure Selection Guide

**HOSE**



## Hydraulic Hose Special Attributes

Family Part #	Hose Description	Meets Flame Resistance USMSHA	Meets Higher DIN / EN Pressure	USCG Approved	ABS Approved	High Temp Hose	Low Temp Hose	Abrasion Cover Hose	Twin-Line Hose	Non-Conductive Hose	Fire Tested	SAE J1402 / DOT
SR1SN	SAE 100R1AT / 1SN											
Desert® DR1SN	SAE 100R1AT / 1SN			≤ 1	Pending							
SFS	SAE 100R1AT / 1SN (Fire Suppression)											
SR2SN	SAE 100R2AT / 2SN				-4 to -16							
Arctic® LR16SC	SAE 100R16 / EN 857 2SC											
Arctic® LR2SN	SAE 100R2AT / 2SN											
Arctic® LCP3	SAE 100R17 / 2SN											
Arctic® LCP4S	SAE 100R12 / 2SN											
Arctic® LCP6S	SAE 100R15 / 2SN											
Desert® DR16SC	SAE 100R16 / EN 857 2SC											
Desert® DR2SN	SAE 100R2AT / 2SN				Pending							
SR3	SAE 100R3 / EN 854 R3											
HR4	SAE 100R4											
SR5	SAE 100R5											
Desert® DR5	SAE 100R5											
Desert® DUT	SAE J1402 A1 (Universal Truck)											
SR6	SAE 100R6 / EN 854 R6											
HR6	SAE 100R6 / EN 854 R6											
SR7	SAE 100R7 / EN 855 R7											
NR7	SAE 100R7 (Non-Conductive)											
NSFX	Saflex® (Non-Conductive)											
TR7	SAE 100R7 (Twin-Line)											
BR7	SAE 100R7 (Twin-Line, Non-Conductive)											
SR8	SAE 100R8 / EN 855 R8											

## Hydraulic Hose Special Attributes

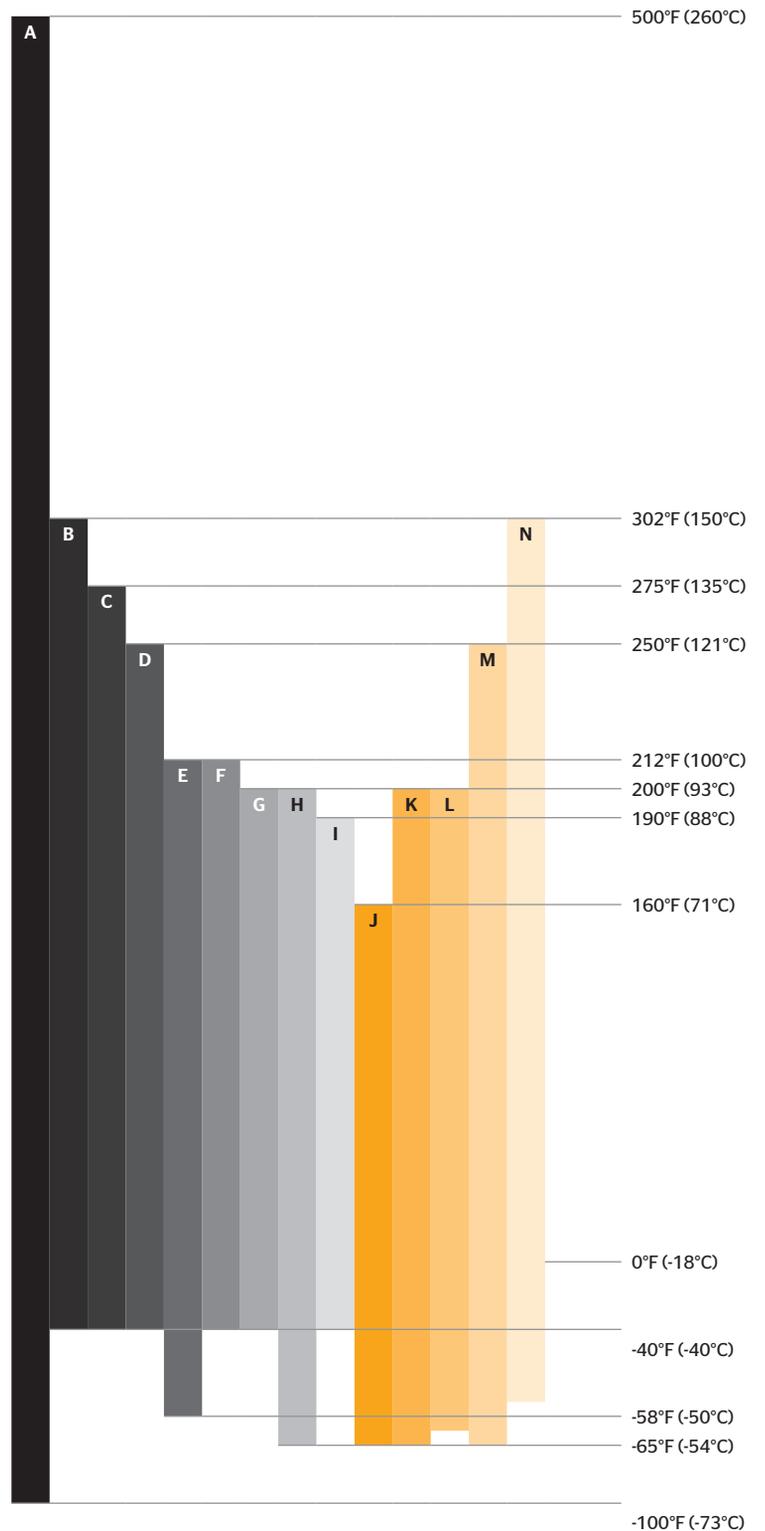
Family Part #	Hose Description	Meets Flame Resistance USMSHA	Meets Higher DIN / EN Pressure	USCG Approved	ABS Approved	High Temp Hose	Low Temp Hose	Abrasion Cover Hose	Twin-Line Hose	Non-Conductive Hose	Fire Tested	SAE J1402 / DOT
NR8	SAE 100R8 (Non-Conductive)											
TR8	SAE 100R8 (Twin-Line)											
S4SH	EN 856 4SH / DIN 20023 4SH				Pending							
S4SP	EN 856 4SP / DIN 20023 4SP				Pending							
XCP4	SAE 100R19 / ISO 11237 R19											
SR12	SAE 100R12 / EN 856 R12				Pending							
Armorcoat™ ARC12	SAE 100R12 / EN 856 R12											
SR13	SAE 100R13 / EN 856 R13				Pending							
Armorcoat™ ARC13	SAE 100R13 / EN 856 R13											
SR14A	SAE 100R14A											
SR15	SAE 100R15			Pending	Pending							
Armorcoat™ ARC15	SAE 100R15											
SR16SC	SAE 100R16 / EN 857 2SC											
XR16SC	SAE 100R16 / EN 857 2SC											
Armorcoat™ ARC16SC	SAE 100R16 / EN 857 2SC											
SCP3	SAE 100R17											
Armorcoat™ ACP3	SAE 100R17											
XCP3	SAE 100R17											
XCP3S	SAE 100R12											
XCP4S	SAE 100R12 / EN 856 4SH			-24 and -32 Pending								
XCP5S	SAE 100R13											
XCP6S	SAE 100R15 / EN 856 4SP											
SR18	SAE 100R18											
BOP	Prospector™ BOP (Blowout Preventor)											
SGUN	Grease Gun Hose											

## Hydraulic Hose Special Attributes

Family Part #	Hose Description	Meets Flame Resistance USMSHA	Meets Higher DIN / EN Pressure	USCG Approved	ABS Approved	High Temp Hose	Low Temp Hose	Abrasion Cover Hose	Twin-Line Hose	Non-Conductive Hose	Fire Tested	SAE J1402 / DOT
SHJ	Jack Hose											
IG	Insta-Grip™ 300 (Push-On)											
IGHT	Insta-Grip™ HT 300 (Push-On, High Temp)											
IGTC	Insta-Grip™ TC (Push-On, Textile Cover)											
FXG	FLEXAGrip™ (Push-On)											
MIL-DTL-13444H-I	MIL-DTL-13444H Type I (Military)											
MIL-DTL-13444H-III	MIL-DTL-13444H Type III (Military)											
MIL-DTL-13531-BA	MIL-DTL-13531 Type II Class A (Military)											
MIL-DTL-39921	MIL-DTL-39921 Type I Class I (Military)											
MIL-DTL-8788	MIL-DTL-8788 (Military)											

# Hydraulic Hose Temperature Limits

<b>A</b>	<b>SR14A</b>	SAE 100R14A*
<b>B</b>	<b>Desert® DR5</b>	SAE 100R5 / DOT FMVSS 106 All**
	<b>Desert® DUT</b>	Universal Truck
	<b>IGHT</b>	Insta-Grip™ HT 300
	<b>Desert® DR15N</b>	SAE 100R1AT/1SN
	<b>Desert® DR2SN</b>	SAE 100R2AT/2SN
	<b>Desert® DR16SC</b>	SAE 100R16 / EN 857 2SC
<b>C</b>	<b>HR4</b>	SAE 100R4
	<b>HR6</b>	SAE 100R6 / EN 854 R6
<b>D</b>	<b>SR12</b>	SAE 100R12 / EN 856 R12
	<b>ARC12</b>	Armorcoat™ SAE 100R12 / EN 856 R12
	<b>SR13</b>	SAE 100R13 / EN 854 R13
	<b>ARC13</b>	Armorcoat™ SAE 100R13 / EN 856 R13
	<b>SR15</b>	SAE 100R15
	<b>ARC15</b>	Armorcoat™ SAE 100R15
	<b>BOP 5000</b>	Prospector™ BOP 5000
<b>E</b>	<b>Arctic® LR16SC</b>	SAE 100R16
	<b>Arctic® LR2SN</b>	SAE 100R2AT/2SN
	<b>Arctic® LCP3</b>	SAE 100R17
	<b>Arctic® LCP4S</b>	SAE 100R12
	<b>Arctic® LCP6S</b>	SAE 100R15
<b>F</b>	<b>SFS</b>	SAE 100R1AT Fire Suppression
	<b>SR15N</b>	SAE 100R1AT/1SN
	<b>SR25N</b>	SAE 100R2AT/2SN
	<b>SR3</b>	SAE 100R3 / EN 854 R3
	<b>SR5</b>	SAE 100R5 / DOT FMVSS 106 All
	<b>SR6</b>	SAE 100R6 / EN 854 R6
	<b>NSFX</b>	Saflex® Non-Conductive
	<b>S4SH</b>	EN 856 4SH / DIN 20023 4SH
	<b>S4SP</b>	EN 856 4SP / DIN 20023 4SP
	<b>SR16SC</b>	SAE 100R16 / EN 857 2SC
	<b>XR16SC</b>	SAE / EN 857 2SC
	<b>ARC16SC</b>	Armorcoat™ SAE 100R16 / EN 857 2SC
	<b>SCP3</b>	SAE 100R17
	<b>XCP3</b>	SAE 100R17 Constant Pressure
	<b>ACP3</b>	Armorcoat™ SAE 100R17
	<b>XCP4</b>	SAE 100R19 / ISO 11237
	<b>SGUN</b>	Grease Gun Hose
	<b>SHJ</b>	Jack Hose
	<b>BOP 3000</b>	Prospector™ BOP 3000
	<b>G</b>	<b>SR7</b>
<b>TR7</b>		SAE 100R7 Twin-Line
<b>SR8</b>		SAE 100R8 / EN 858 R8
<b>TR8</b>		SAE 100R8 Twin-Line
<b>NR8</b>		SAE 100R8 Non-Conductive
<b>IGTC</b>		Insta-Grip™ TC
<b>FXG</b>		FLEXAGrip™
<b>H</b>		<b>NR7</b>
	<b>BR7</b>	SAE 100R7 Twin-Line, Non-Conductive
	<b>SR18</b>	SAE 100R18
<b>I</b>	<b>Insta-Grip™ 300</b>	
<b>J</b>	<b>MIL-8788</b>	
<b>K</b>	<b>MIL-13531</b>	
<b>L</b>	<b>MIL-3992</b>	
<b>M</b>	<b>MIL-13444-I</b>	
<b>N</b>	<b>MIL-13444-III</b>	



\*Intermittent Service      \*\*Hot Oil/Hydraulic Application

**General Information**  
Temperature Limits

