

## Eagle Poly-V™

Eagle Poly-V belts are PJ-profile belts designed specifically for roller conveyor applications. Made from polyurethane with elastic reinforcement, Eagle Poly-V belts provide the same load capacity as conventional rubber PJ belts with several additional benefits.

### Product Features

- Abrasion resistant polyurethane improves belt life and performance in curves
- Self-tensioning, elastic reinforcement delivers consistent performance
- Higher coefficient of friction provides lower install tension and reduced belt fatigue
- Oil, grease and chemical resistant



Type	Tension Per Rib		Top Width Per Rib		Thickness		Angle	Temperature Range		Minimum Pulley Diameter		Maximum Belt Speed	
	(N)	(lbs)	(mm)	(in)	(mm)	(in)		C	F	(mm)	(in)	m/s	ft/min
EPJ	24.5 to 50.0	5.5 to 11.2	2.34	0.1	3.6 +/- .25	0.14 +/- 0.01	40° +/- 2°	-20°C to 70°C	-4°F to 158°F	20 mm	0.8 in	55	10k

Part Number	Description	Length		Ribs	Load Capacity		Min./Max Center Distance w/43mm (1.9 in) Endcap	
		(mm)	(in)		(kg)	(lbs)	(mm)	(in)
70478401	Black 75 2EPJ236			2	1 to 200	1 to 440		
70487501	Black 75 3EPJ236	236	9.3	3	201 to 300	441 to 661	48.2 - 51.7	1.90 - 2.04
70487601	Black 75 4EPJ236			4	301 to 400	662 to 882		
70477101	Black 75 2EPJ246			2	1 to 200	1 to 440		
70484001	Black 75 3EPJ246	246	9.7	3	201 to 300	441 to 661	54.4 - 58.1	2.14 - 2.29
70484101	Black 75 4EPJ246			4	301 to 400	662 to 882		
70474201	Black 75 2EPJ256			2	1 to 200	1 to 440		
70483101	Black 75 3EPJ256	256	10.1	3	201 to 300	441 to 661	60.0 - 64.9	2.36 - 2.55
70484301	Black 75 4EPJ256			4	301 to 400	662 to 882		
70484401	Black 75 2EPJ263			2	1 to 200	1 to 440		
70467202	Black 75 3EPJ263	263	10.3	3	201 to 300	441 to 661	60.5 - 64.9	2.38 - 2.57
70484501	Black 75 4EPJ263			4	301 to 400	662 to 882		
70484801	Black 75 2EPJ265			2	1 to 200	1 to 440		
70472501	Black 75 3EPJ265	265	10.4	3	201 to 300	441 to 661	63.2 - 67.2	2.49 - 2.65
70484901	Black 75 4EPJ265			4	301 to 400	662 to 882		
70478501	Black 75 2EPJ270			2	1 to 200	1 to 440		
70487701	Black 75 3EPJ270	270	10.6	3	201 to 300	441 to 661	64.7 - 68.8	2.55 - 2.71
70487801	Black 75 4EPJ270			4	301 to 400	662 to 882		
70474901	Black 75 2EPJ286			2	1 to 200	1 to 440		
70483201	Black 75 3EPJ286	286	11.3	3	201 to 300	441 to 661	72.6 - 76.9	2.86 - 3.03
70484701	Black 75 4EPJ286			4	301 to 400	662 to 882		
70477801	Black 75 2EPJ292			2	1 to 200	1 to 440		
70486001	Black 75 3EPJ292	292	11.5	3	201 to 300	441 to 661	77.5 - 81.9	3.05 - 3.23
70486101	Black 75 4EPJ292			4	301 to 400	662 to 882		
70477401	Black 75 2EPJ314			2	1 to 200	1 to 440		
70485401	Black 75 3EPJ314	314	12.4	3	201 to 300	441 to 661	88.4 - 93.2	3.48 - 3.67
70485501	Black 75 4EPJ314			4	301 to 400	662 to 882		
70490001	Black 75 2EPJ326			2	1 to 200	1 to 440		
70490101	Black 75 3EPJ326	326	12.8	3	201 to 300	441 to 661	92.4 - 97.3	3.64 - 3.83
70490201	Black 75 4EPJ326			4	301 to 400	662 to 882		
70477001	Black 75 2EPJ336			2	1 to 200	1 to 440		
70483801	Black 75 3EPJ336	336	13.2	3	201 to 300	441 to 661	98.4 - 103.5	3.87 - 4.08
70483901	Black 75 4EPJ336			4	301 to 400	662 to 882		
70485601	Black 75 2EPJ346			2	1 to 200	1 to 440		
70477601	Black 75 3EPJ346	346	13.6	3	201 to 300	441 to 661	104.6 - 109.9	4.12 - 4.33
70485701	Black 75 4EPJ346			4	301 to 400	662 to 882		
70477701	Black 75 2EPJ376			2	1 to 200	1 to 440		
70485801	Black 75 3EPJ376	376	14.8	3	201 to 300	441 to 661	118.1 - 123.8	4.65 - 4.87
70485901	Black 75 4EPJ376			4	301 to 400	662 to 882		
70474101	Black 75 2EPJ388			2	1 to 200	1 to 440		
70485201	Black 75 3EPJ388	388	15.3	3	201 to 300	441 to 661	124.8 - 130.7	4.91 - 5.14
70485301	Black 75 4EPJ388			4	301 to 400	662 to 882		

Contact us for sizes not listed and wider belts not shown

Part Number	Description	Length		Ribs	Load Capacity		Min./Max Center Distance w/43mm (1.9 in) Endcap	
		(mm)	(in)		(kg)	(lbs)	(mm)	(in)
70494901	Black 75 2EPJ404	404	15.9	2	1 to 200	1 to 440	131.3 - 137.4	5.17 - 5.41
70495001	Black 75 3EPJ404			3	201 to 300	441 to 661		
70495101	Black 75 4EPJ404			4	301 to 400	662 to 882		
70477501	Black 75 2EPJ435	435	17.1	2	1 to 200	1 to 440	144.1 - 150.6	5.67 - 5.93
70483601	Black 75 3EPJ435			3	201 to 300	441 to 661		
70483701	Black 75 4EPJ435			4	301 to 400	662 to 882		
70486201	Black 75 2EPJ442	442	17.4	2	1 to 200	1 to 440	152.1 - 158.7	5.99 - 6.25
70477901	Black 75 3EPJ442			3	201 to 300	441 to 661		
70486301	Black 75 4EPJ442			4	301 to 400	662 to 882		
70486701	Black 75 2EPJ486	486	19.1	2	1 to 200	1 to 440	172.5 - 179.8	6.79 - 7.08
70486801	Black 75 3EPJ486			3	201 to 300	441 to 661		
70486901	Black 75 4EPJ486			4	301 to 400	662 to 882		
70479001	Black 75 2EPJ536	536	21.1	2	1 to 200	1 to 440	198.2 - 206.4	7.80 - 8.12
70488701	Black 75 3EPJ536			3	201 to 300	441 to 661		
70488801	Black 75 4EPJ536			4	301 to 400	662 to 882		
70479201	Black 75 2EPJ636	636	25.0	2	1 to 200	1 to 440	249.9 - 262.8	9.84 - 10.35
70489101	Black 75 3EPJ636			3	201 to 300	441 to 661		
70489201	Black 75 4EPJ636			4	301 to 400	662 to 882		
70479301	Black 75 2EPJ746	746	29.4	2	1 to 200	1 to 440	304.1 - 315.4	11.97-12.42
70489301	Black 75 3EPJ746			3	201 to 300	441 to 661		
70489401	Black 75 4EPJ746			4	301 to 400	662 to 882		

Product availability is subject to change at any time

## 2mm, 3/32", 3mm, 1/8" Round Cross Sections

### Round Belting



Round

NON-REINFORCED	Part Number*	Dimensions Ø		Minimum Pulley Ø	Working Load @ Percent Tension								Weight		
					4%		6%		8%		10%		lbs/ft	kg/m	
Material and Color		(in)	(mm)	(in)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)			
Eagle Blue 80 EC	4928000		2	0.55	14	0.1	0.7	0.2	1	0.3	1.4	0.4	1.7	0.002	0.004
Eagle Clear 80 EC	4927000		2	0.55	14	0.1	0.7	0.2	1	0.3	1.4	0.4	1.7	0.002	0.004
Eagle Opaque 80	L040P802M		2	0.55	14	0.2	0.9	0.4	1.6	0.5	2.2	0.6	2.7	0.003	0.004
Eagle Orange 85	L040G852M		2	0.63	16	0.2	0.9	0.3	1.3	0.4	1.8	0.5	2.2	0.003	0.004
Eagle Clear 85	L04C852M		2	0.63	16	0.2	0.9	0.3	1.3	0.4	1.8	0.5	2.2	0.003	0.004
Eagle Green 89	4905402		2	0.71	18	0.3	1.4	0.5	2.4	0.7	3.2	0.9	4	0.003	0.004
Eagle Green 89 Textured	4905302		2	0.71	18	0.2	1	0.4	1.7	0.5	2.3	0.7	2.9	0.003	0.004
Eagle Red 90	4940017		2	0.79	20	1.1	4.7	1.5	6.8	1.9	8.5	2.2	10	0.003	0.004
Eagle Orange 85	1032003	3/32		0.75	19	0.3	1.2	0.4	1.9	0.6	2.5	0.7	3.1	0.004	0.005
Eagle Clear 85	4908003	3/32		0.75	19	0.3	1.2	0.4	1.9	0.6	2.5	0.7	3.1	0.004	0.005
Eagle Clear 95	4907003	3/32		0.94	24	0.5	2.3	0.8	3.4	1	4.3	1.2	5.1	0.004	0.005
Eagle Orange 85	1032004	1/8		1	25	0.5	2.2	0.7	3.3	1	4.4	1.2	5.5	0.006	0.01
Eagle Clear 85	4908006	1/8		1	25	0.5	2.2	0.7	3.3	1	4.4	1.2	5.5	0.006	0.01
Eagle Clear 95	4907006	1/8		1.25	32	0.9	4	1.3	6	1.7	7.7	2.1	9.1	0.007	0.01
Eagle Blue 80 EC	4928001		3	0.83	21	0.4	1.7	0.6	2.5	0.8	3.5	1	4.3	0.005	0.008
Eagle Clear 80 EC	4927001		3	0.83	21	0.4	1.7	0.6	2.5	0.8	3.5	1	4.3	0.005	0.008
Eagle Opaque 80	L040P803M		3	0.83	21	0.5	2.1	0.8	3.5	1.1	4.9	1.4	6.2	0.006	0.009
Eagle Orange 85	L040G853M		3	0.94	24	0.4	1.9	0.7	3	0.9	4	1.1	4.9	0.006	0.009
Eagle Clear 85	L04C853M		3	0.94	24	0.4	1.9	0.7	3	0.9	4	1.1	4.9	0.006	0.009
Eagle Blue 85	L04BL853M		3	0.94	24	0.4	1.9	0.7	3	0.9	4	1.1	4.9	0.006	0.009
Eagle Green 89	L04G893MS		3	1.06	27	0.7	3.2	1.2	5.2	1.6	7.2	2	9	0.006	0.009
Eagle Green 89 Textured	4905303		3	1.06	27	0.5	2.3	0.9	3.8	1.2	5.2	1.5	6.5	0.006	0.009
Eagle Red 90	4940020		3	1.18	30	2.4	10.5	3.4	15.1	4.3	19	5	22.2	0.006	0.009
Eagle White 40D	L04BY403M		3	1.42	36	1.9	8.3	2.9	12.8	3.8	16.8	4.5	20.2	0.006	0.008

\* Standard package length 100' / 30.5m

† QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)  
Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.