

Product: Eagle Yellow 85 QC

Description Eagle Yellow 85 Quick Connect (QC) has a round, hollow construction that can quickly and easily be joined with metal connectors (included) so that there is no welding required.

Specifications

Profile size: 1/2", 1/4", 3/16", 3/8", 5/16"
Reinforcement: None
Color: Yellow
Compliance: Reach, RoHS
Durometer: 85A
Material: Polyurethane
Special Feature: Hollow Round

Physical Properties

Eagle Yellow 85 QC Non-Reinforced Hollow Round

Hardness	85A
FDA Compliant Materials	No
Coefficient of Friction	Stainless Steel: .70; Steel: .60; UHMW: .45
Temperature Range	-22°F to +150°F; -30°C to +66°C



Cross Section	Dimensions O.D. x I.D.* inch or mm	Min Pulley Ø inch mm		Working Load @ Percent Tension								Wt/ft lbs Wt/mtr kg	
				4%		6%		8%		10%			
				lbs	N	lbs	N	lbs	N	lbs	N		
3/16"	.1875" x .090"	2	51	0.5	2.2	0.7	3.1	0.9	4	1.1	4.9	0.01	0.015
5mm	5mm x 2mm	2	51	0.5	2.2	0.7	3.1	0.9	4	1.1	4.9	0.01	0.015
6mm	6mm x 2.5mm	2.5	64	0.8	3.6	1.3	5.8	1.7	7.6	2.1	9.3	0.02	0.03
1/4"	.25" x .098"	2.5	64	0.8	3.6	1.3	5.8	1.7	7.6	2.1	9.3	0.02	0.03
5/16"	.3125" x .126"	3	76	1.3	5.8	2	8.9	2.7	12	3.3	14.7	0.03	0.04
8mm	8mm x 3.2mm	3	76	1.3	5.8	2	8.9	2.7	12	3.3	14.7	0.03	0.04
3/8"	.375" x .152"	3.5	89	1.8	8	2.9	12.9	3.8	16.9	4.7	20.9	0.05	0.07
10mm	10mm x 3.8mm	3.5	89	1.8	8	2.9	12.9	3.8	16.9	4.7	20.9	0.05	0.07
12mm	12mm x 5.2mm	3.75	95	3.3	14.7	5.1	22.7	6.8	30.2	8.4	37.4	0.09	0.13
1/2"	.500" x .214"	4.5	114	3.3	14.7	5.1	22.7	6.8	30.2	8.4	37.4	0.09	0.13
13mm	13mm x 5.2mm	4.5	114	3.3	14.7	5.1	22.7	6.8	30.2	8.4	37.4	0.09	0.13
5/8"	.625" x .273"	5.5	140	5	22.2	7.7	34.2	10.3	45.8	18.6	82.7	0.13	0.19
16mm	16mm x 6.8mm	5.5	140	5	22.2	7.7	34.2	10.3	45.8	18.6	82.7	0.13	0.19

* O.D. is the outer diameter of the belt, I.D. is the inner diameter of the belt.

Dimensions are for reference only.