

Product: Eagle Green 89 Reinforced Textured Round

Description Eagle Green 89 Reinforced Textured Round Belting constructed of polyurethane with an 89 Shore A durometer and reinforced with a polyester tensile cord that combines excellent abrasion resistance with high strength and low stretch. A key feature of this belt is its textured surface, which lowers its surface coefficient of friction.

Specifications

Profile shape: Round
 Profile size: 10mm, 12mm, 15mm, 18mm, 5mm, 6mm, 7mm, 8mm, 9mm
 Reinforcement: Single Polyester Cord
 Color: Green
 Compliancy: REACH, RoHS
 Durometer: 89A
 Material: Polyurethane
 Special Feature: Textured
 Package Length: 100'/30.5m

Physical Properties

Eagle Green 89 RT Reinforced Round Textured

Hardness	89A
FDA Compliant Materials	No
Coefficient of Friction	Stainless Steel: .50; Steel: .40; UHMW: .30
Temperature Range	-22°F to +150°F; -30°C to +66°C



Cross Section	Dimensions Ø mm	Min Pulley Ø inch mm	Working Load @ Percent Tension								Wt/lb lbs	Wt/mtr kg
			1%		2%		3%		4%			
			lbs	N	lbs	N	lbs	N	lbs	N		
5mm	5	2 50	1.7	7.4	5	22.2	10.2	45.5	15.8	70.1	0.02	0.03
6mm	6	2.38 60	2.4	10.6	7.2	32	14.7	65.5	22.7	101	0.025	0.04
7mm	7	2.75 70	3.3	14.5	9.8	43.5	20	89.1	30.9	137.4	0.03	0.05
8mm	8	3.13 80	4.3	18.9	12.8	56.8	25.2	116.4	40.4	179.5	0.04	0.06
10mm	10	3.94 100	6.6	29.6	20	88.8	40.9	181.9	63.1	280.5	0.06	0.09
12mm	12	4.75 120	9.6	42.6	28.8	127.9	58.9	262	90.8	403.9	0.09	0.13
15mm	15	5.9 150	15	66.5	44.9	199.8	92	409.3	141.9	631.1	0.14	0.21
18mm	18	7 180	21.5	95.8	64.7	287.8	132.5	589.4	204.3	908.8	0.22	0.33

Dimensions are for reference only.