N C C NuTech Conveyor Components

Technical Data Sheet

1-495 McGeachie Drive
Milton, ON, L9T 3L5
Toll Free: 1 (877) 639-2358
Phone: (905) 876-9339
Fax: (905) 876-9313

Product: Eagle Hyfen 85 Reinforced Vee and Specialty

Description

Eagle Hyfen 85 Reinforced Belting is the ideal high-strength, low-stretch choice with an 85 Shore A durometer and a polyester reinforcing tensile member.

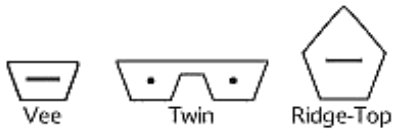
Specifications

Profile shape:	Ridge Top, Twin, Vee
Profile size:	3L, A/13, B/17, D/32
Reinforcement:	Polyester Tape
Color:	Blue, Green
Compliancy:	FDA, RoHS
Durometer:	85A
Material:	Polyurethane
Package Length:	100'/30.5m

Physical Properties

Eagle Hyfen 85 R Reinforced Vee

Hardness	85A
FDA Compliant Materials	Yes
Coefficient of Friction	Stainless Steel: .70; Steel: .60; UHMW: .45
Temperature Range	-22°F to +150°F; -30°C to +65°C



				Working Load @ Percent Tension									
	Dimensions w × h*	Min Pulley Ø		1%		2%		3%		4%		Wt/ft	Wt/mtr
Cross Section	inch	inch	mm	lbs	N	lbs	N	lbs	N	lbs	N	lbs	kg
3L Twin	15/16 x 17/64	3	76	14.4	63.9	20.7	91.9	27.8	123.8	35.3	156.8	0.1	0.15
A Ridge-Top	1/2 x 9/16	6.19	157	17.4	77.4	25.1	111.4	33.8	150.1	42.8	190.2	0.09	0.13
A Twin	1-3/16 x 5/16	3.44	87	16.5	73.3	23.7	105.5	31.9	142.1	40.5	180	0.15	0.22
B Ridge-Top	21/32 x 11/16	7.5	191	25.7	114.4	37	164.6	49.8	221.7	63.2	280.9	0.13	0.19
D	1-1/4 x 3/4	12	305	77.1	343	111	493.6	149.5	664.9	189.4	842.4	0.38	0.57

* *w* (width) is the widest part of the belt. h (height) is the tallest part of the belt.

Dimensions are for reference only.