

VOLTA TECHNICAL DATA

Product: **Reinforced Volta RCW**
 Description Color: White Round Reinforced
 Hardness: 63 D
 Temp. Range: - 20° C to 75° C
 FDA / USDA Accepted

Coefficient of Friction:
 Steel: 0.27
 Aluminum: 0.22
 Polypropylene: 0.14

Belt Type		RCW-6.3	RCW-9.5	RCW-12.5	RCW-9.5
Diameter	mm	6.3	9.5	12.5	9.5
Weight	kg/m	0.037	0.09	0.15	0.09
Splice Type	--	Butt	Butt	Butt	Overlap
Drill Bit	--	I	II	II	--
Maximum Recommended Work Load	kg	45	100	110	250
Recommended Min. Pulley Diameter	mm	100	150	200	250
Breaking Strength	kg	225	335	340	335
Net Pull Force (kg) at Pretension of:	0.5%	13	20	21	20
	1.0%	25	40	42	40
	1.5%	38	60	62	60
	2.0%	NR	80	83	80
	2.5%	NR	100	104	100
	3.0%	NR	NR	NR	120
	4.0%	NR	NR	NR	160
	5.0%	NR	NR	NR	200
6.0%	NR	NR	NR	240	

- Notes: 1. Pull Force in tables relate to grooved steel, aluminum and Cast Iron pulleys.
 Multiply given values by 0.7 for wet pulleys.
 2. All values are nominal and to the best of our experience are true and accurate.
 3. NR = Not Recommended.