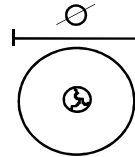


**RHDS** Round Reinforced Profile - (Good UV Resistance)

Material:	<b>Volta, RHDS Black</b>
Hardness:	55D
Temp. Range:	-20° C to +75° C / -5° F to +170° F

Coefficient of friction:	
Steel:	0.28
Aluminum:	0.29
Rubber:	0.15
UHMW:	0.20



**RHDS**

Belt Type		RHDS-9.5	RHDS-9.5	RHDS-12.5	RHDS-12.5
Diameter	mm	9.5	9.5	12.5	12.5
	inch	3/8	3/8	0.5	0.5
Weight	kg/m	0.09	0.09	0.15	0.15
	lb/ft	0.06	0.06	0.10	0.10
Reinforcement		Polyester	Polyester	Polyester	Polyester
Splice Type	--	Butt	Overlap	Butt	Overlap
Drill Bit	--	II	II	II	II
Maximum Work Load	kg	90	180	160	300
	Lb	198	396	352	660
Min. Pulley Diameter	mm	150	180	170	200
	inch	6	7	6.7	8
Breaking Strength (without welding)	kg	385	385	480	480
	lb	850	850	1050	1050
Net Pull Force (kg/Lb) at Pretension of:	1.0%	40/88	40/88	90 / 198	90 / 198
	1.5%	60/132	60/132	135 / 300	135 / 300
	2.0%	NR	80/176	NR	180 / 396
	2.5%	NR	100/220	NR	225 / 495
	3.0%	NR	NR	NR	270 / 594

**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. Overlap welding parameters relates to welding with Volta EZOL.

3. NR = Not Recommended.

4 All values are nominal and to the best of our experience are true and accurate