ENGINEERING DATA SHEET

DSM 3.9.4

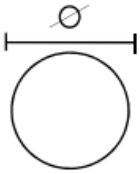
Round Belt_ESD
Solid

General:

Material:	**Volta PD Black (Matt Surface)**
Hardness:	88 A / 37 D
Temp. Range:	- 30° C to 60° C
ESD Ratio:	10^9 - 10^{10} OHMS / Square

Coefficient of friction :	
Steel	0.4
Aluminum	0.4

Specifications: See BS2050, DIN22104



RPD AS

Type	Diameter Ø		Weight		Min. Pulley		Pull Force (kg) (lbs) At Pretension					
	mm	inch	kg / m	lb / ft	mm	Inch	1 %		2 %		3 %	
RPD – 2 AS	2	5/64	0.004	0.003	20	0.78	0.13	0.3	0.27	0.6	0.41	0.9
RPD – 3 AS	3	1/8	0.009	0.006	30	1.18	0.31	0.7	0.61	1.4	0.92	2.0
RPD – 4 AS	4	5/32	0.015	0.01	40	1.57	0.54	1.2	1.09	2.4	1.63	3.6
RPD – 5 AS	5	3/16	0.024	0.016	50	1.97	0.85	1.9	1.70	3.8	2.55	5.7
RPD – 6 AS	6	7/32	0.034	0.023	60	2.36	1.22	2.7	2.45	5.4	3.67	8.1
RPD – 8 AS	8	5/16	0.060	0.04	80	3.15	2.18	4.8	4.35	9.6	6.54	14.4

Note:

- Pull Force in tables relate to grooved steel, aluminium and Cast Iron pulleys.
- Multiply given values by 0.7 for wet pulleys.
- Belts pretension length to be < 8%.
- Belt will be run over pulleys and Vee guides & may be used in a contra-flexing application. Must be suitable for non-stick/ slip applications.
- Thermal bonded, trimmed to remove excess material, must be free of cracks.
- Twist removed from belts prior to bonding

Alternatives:

Alternatives are allowed only with the express written permission of ASMPT. Please email details of your request to engineering_enquiries@asmpt.com

Issue	01	02	03	04	05	06	07	08	09
DCR	40731	41913	44832						