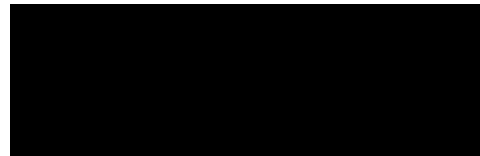
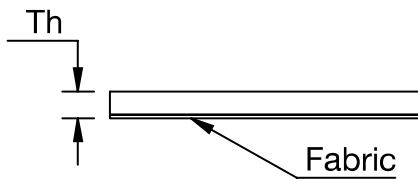


FRBL ESD

Flat, Reinforced Electro - Static Dissipative Belt

Material:	Volta BL-ESD, Black
Hardness:	90A
Standard Belt Width:	60" / 1524mm
Temp. Range:	- 0°C to 50°C / -32°F to 120°F
ESD Ratio:	Top Surface 10 ⁷ – 10 ⁸ OHMS / Square

Coefficient of friction (Steel):	
Belt Smooth Top:	0.5
Belt Reinforced Bottom:	0.2



TYPE		FRBL-2 ESD	
Reinforcement		E 100	
Thickness	mm	2	
Weight	kg/m ²	2.4	
	lb/ft ²	0.49	
Minimum Pulley:	mm	Normal Flex	30
		Back Flex	50
	inch	Normal Flex	1 11/64
		Back Flex	2
Ultimate Strength	Kg/cm	100	
	lb/in	560	
Ultimate Elongation	%	15	
Pull Force (kg/cm) at pretension of: (finger splice connection)	0.5%	1.25	
	1%	2.5	
	2%	5	
Pull Force (lb/in) at pretension of: (finger splice connection)	0.5%	7	
	1%	14	
	2%	28	

Notes:

1. Pull force relates to steel pulleys. Multiply given values by 0.9 for cast iron, 1.1 for rubber and 0.8 for wet smooth drums.
2. Belts can only be made endless with mechanical systems or finger splice.
3. Pull force values are recommended only when using finger splice.
4. All values are nominal and to the best of our experience are true and accurate.

Safety Precaution Note: Volta will not be held responsible for these belts being used in conveying applications involving munitions or explosive dust or in grain environment.