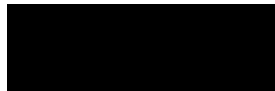


FNBL CB ESD

Flat, Net 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 & Bottom Surface $10^7 - 10^8$ OHMS / Square

Coefficient of friction (Steel):	
Belt Reinforced Bottom:	0.38



TYPE			FNBL-2.4 CB ESD
Reinforcement			Polyester Net
Thickness	mm		2.4
Weight	kg/m ²		2.9
	lb/ft ²		0.59
Minimum Pulley:	mm	Normal Flex	40
		Back Flex	80
	inch	Normal Flex	1 ⁵ / ₈
		Back Flex	3 ⁹ / ₆₄
Ultimate Strength	Kg/cm		50
	lb/in		280
Ultimate Elongation	%		15
Pull Force (kg/cm) at pretension of: (finger splice connection)	0.5%		1.2
	1%		2.4
	2%		4.8
Pull Force (lb/in) at pretension of: (finger splice connection)	0.5%		6.72
	1%		13.44
	2%		26.88

Notes:

1. Pull force relates to steel and aluminum 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.