



VOLTA FELB ITO 50 ACR RAL 5002

Flat, Solid, Aramid Cord Reinforced, Impression Top Belt

Material:	Volta LB, RAL5002
Hardness:	80A
Standard Belt Width:	60" / 1524mm
Temp. Range:	- 40°C to 50°C / -40°F to 120°F
Certification:	FDA /EU

Coefficient of friction (Steel):
Belt Embossed Bottom: 0.45

TYPE		FELB-2.5 ITO 50 ACR RAL5002
Thickness	mm	2.5
Weight	kg/m ²	2.6
	lb/ft ²	0.52
Minimum Pulley:	mm	20
	Inch	0.79
Maximum Work Load	Kg/cm	5.6
	lb/inch	31.4
Pull Force (kg/cm) at pretension of:	0.1%	2.0
	0.2%	4.0
Pull Force (lb/in) at pretension of:	0.1%	11.20
	0.2%	22.40

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. Pull force in table relates to Finger Splice weld 20x50mm.
3. All values are nominal and to the best of our experience are true and accurate.
4. English dimensions have been converted from metric measurements.

This Technical Data page is calculated in accordance with a welding area which has the strength of 28kg/cm. Note that various finger splice methods and different tools can result in differing belt strength.