


**FELB RAL 5002 Flat, Solid, Embossed Bottom Belt**

Material:	<b>Volta LB, RAL 5002</b>
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 Smooth Side:	0.80
Belt Embossed Bottom:	0.45

TYPE		FELB-1.6 RAL5002	FELB-2 RAL5002
			
Thickness	mm	1.6	2
Weight	kg/m <sup>2</sup>	2	2.5
	lb/ft <sup>2</sup>	0.4	0.5
Minimum Pulley:	mm	10	12
	Inch	3/8	1/2
Maximum Work Load	Kg/cm	1.6	2
	lb/inch	8.96	11.2
Pull Force (kg/cm) at pretension of:	0.5%	0.16	0.2
	1%	0.32	0.4
	1.5%	0.48	0.6
	2%	0.64	0.8
	2.5%	0.8	1.0
	3%	0.96	1.2
Pull Force (lb/in) at pretension of:	0.5%	0.9	1.12
	1%	1.79	2.24
	1.5%	2.7	3.36
	2%	3.58	4.48
	2.5%	4.48	5.6
	3%	5.4	6.72

Electrode Splicing	EVLB 7	✓	✓
	EVLB 9	-	✓

**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. All values are nominal and to the best of our experience are true and accurate.
3. English dimensions have been converted from metric measurements.