

FRL Flat, Reinforced Belt

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

Coefficient of friction (Steel):	
Belt Smooth Top:	0.8
Belt Reinforced Bottom:	0.2

TYPE		FRL-2	FRL-3	FRL-5	
Reinforcement		E-120-AS	E-120-AS	E-120-AS	
Thickness	mm	2	3	5	
Weight	kg/m ²	2.5	3.6	6	
	lb/ft ²	0.5	0.72	1.2	
Minimum Pulley:	mm	Normal Flex	10	30	60
		Back Flex	25	60	120
	Inch	Normal Flex	3/8	1 3/16	2 3/8
		Back Flex	1	2 3/8	4 3/4
Ultimate Strength	Kg/cm	120	125	135	
	lb/inch	670	700	756	
Pull Force (kg/cm) at pretension of:	1%	5	12	13	
Pull Force (lb/in) at pretension of:	1%	28	67	73	
Electrode Splicing	EVL-7	✓	-	-	
	EVL-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. Recommended only when splicing angle is greater than 30°.
3. All values are nominal and to the best of our experience are true and accurate.