


**FRLG** Flat, Reinforced Belt

Material:	<b>Volta G, Green</b>
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		FRLG-5.5	
			
Reinforcement		E-120-AS	
Thickness	mm	5.5	
Weight	kg/m <sup>2</sup>	6.8	
	lb/ft <sup>2</sup>	1.4	
Minimum Pulley:	mm	Normal Flex	70
		Back Flex	140
	Inch	Normal Flex	2 ¾
		Back Flex	5½
Ultimate Strength	Kg/cm	136	
	lb/inch	5¼	
Pull Force (kg/cm) at pretension of:	1%	13	
Pull Force (lb/in) at pretension of:	1%	73	
Electrode welding not recommended for belt thicker than 5mm. FBW tool splicing is advisable.			

**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.