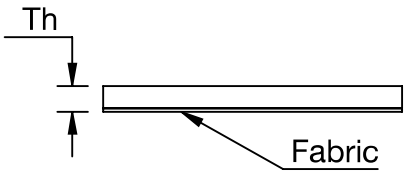
FRG

Flat Belt, Bottom-Reinforced, Top-Smooth

Material:	**Volta G**
Color (Indicative only)	**Grey**
Hardness:	95A/46D
Temp. Range (C°):	-30°C to 70°C
Temp. Range (F°):	-20°F to 158°F

Coefficient of friction (Dry):	
Smooth Top - Steel:	0.40
Reinforced Bottom - Steel:	0.20



Product:		**FRG-2**	**FRG-3**	**FRG-4**
Belt Thickness (mm) :		2	3	4
Belt Weight (kg/m²):		2.5	3.8	5
Belt Weight (lb/ft²):		0.5	0.75	1.0
Belt Min Pulley Diameter (mm) (Normal Flex)		27	36	60
Belt Min Pulley Diameter (mm) (Back Flex)		50	70	120
Belt Min Pulley Diameter (Inch) (Normal Flex)		1 1/16	1 3/8	2 3/8
Belt Min Pulley Diameter (Inch) (Back Flex)		2	2 3/4	3 1/2
Ultimate Strength (Kg/cm):		130	140	150
Ultimate Strength (lb/Inch):		725	780	836
Ultimate Elongation (%) :		16	16	16
Pull Force* (kg/cm width) at pretension of:	**0.5%**	3	3.5	4
	1%	6	7	7.5
	1.2%	7.8	8.4	9
	1.8%	NR	12	13.5
Pull Force* (lb/inch width) at pretension of:	**0.5%**	17	19.5	22.3
	1%	33.5	39	41.7
	1.2%	43.5	47	50
	1.8%	NR	67	75
Electrode Splicing:	**EVG-7**	✓	NR	NR
	EVG-9		✓	✓

- *Pull force – According to “Temperature Correction Factor”.

Belt material	**Temperature Correction Factor**						
	40°C/ 104°	**45°C/ 113°F**	**50°C/ 122°F**	**55°C/ 131°F**	**60°C/ 140°F**	**65°C/ 149°F**	**70°C/ 158°F**
G – 95A/46D Shore	1	0.98	0.95	0.9	0.87	0.8	0.7

- English dimensions have been converted from Metric measurements.
- All values are nominated and to the best of our experience are true and accurate.
- 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.
- Recommended only when splicing angle is greater than 17°. **NR**-Not Relevant

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