
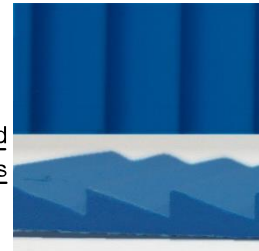
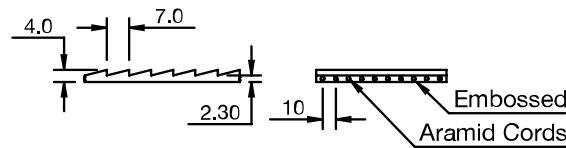


FELB-IST-ACR Aramid Cord Reinforced (ACR) Flat Belt
Bottom-Embossed, Top-Saw Tooth Texture (IST)

Material:	Volta DR	
Color (Indicative only)	Blue 02	
Hardness:	80A	
Temp. Range (C°):	-40°C to 50°C	
Temp. Range (F°):	-40°F to 120°F	
Certification:	FDA/ EU Approved	

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



Product:	FELB-4-IST-ACR	
Belt Thickness (mm)	2 // 4	
Belt Weight (kg/ m²):	3.3	
Belt Weight (lb/ ft²):	0.66	
Belt Min Pulley Diameter (mm)-Normal Flex	35	
Belt Min Pulley Diameter (mm)-Back Flex*	35	
Belt Min Pulley Diameter (Inch)-Normal Flex	1 ³ / ₈	
Belt Min Pulley Diameter (Inch)-Back Flex*	1 ³ / ₈	
Max. Workload (Kg/cm)	31	
Max. Workload (lb/inch)	5.6	
Net Pull Force* (kg/cm width) at pretension of:	0.1%	2.1
	0.2%	4.2
Pull Force* (lb/inch width) at pretension of:	0.1%	11.7
	0.2%	23.4

*To avoid damaging the teeth' sharpness due to pulley jams or blockages, we don't recommend applying the "Saw Tooth Texture" to Back Flexing.

Notes:

- 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.
- Pull Force relates to Finger Splice weld 20x50mm.
- English dimensions have been converted from Metric measurements.
- All values are nominated and to the best of our experience are true and accurate.

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