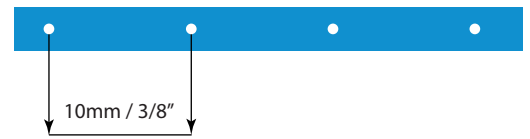
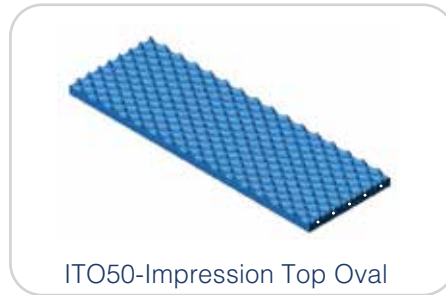


# Aramid Cord Reinforced Flat Belts

A food grade flat belt with special tensioning members fully sealed in a dense homogeneous material which has been tested for durability. Used, for example, where heavy or unevenly loaded products are carried. The Volta code for this Aramid cord reinforcement is ACR and the splicing method advised is a finger splice.



## ➔ Aramid Cord reinforced Flat Belt Range



Aramid Cord Reinforced (ACR) Embossed Bottom Belt										
Product & Color		Shore Hardness	Temperature Range	CoF (bottom) UHMW	Thickness (mm)	Minimum Pulley Diameter		Pull Force: Pretension of 0.2%		Approvals
						mm	inch	kg/cm width	lbs/in width	
<b>FELB-ACR</b>		80A	-40°C to 50°C -40°F to 120°F	0.45	2.5	20	1	4.2	23.40	FDA/EU
Aramid Cord Reinforced (ACR) Impression Top & Embossed Bottom Belt										
<b>FELB-ITO50-ACR**</b>		80A	-40°C to 50°C -40°F to 120°F	0.45	2.5	20	0.79	4	22.40	FDA/EU
<b>FELB-ITO50 ACR RAL 5002</b>		80A	-40°C to 50°C -40°F to 120°F	0.45	2.5	20	0.79	4	22.40	FDA/EU
<b>FELB-IST-ACR</b>		80A	-40°C to 50°C -40°F to 120°F	0.45	2 // 4*	35	1.38	4.2	23.40	FDA/EU
Low Temperature (LT) Aramid Cord Reinforced (ACR) Impression Top & Embossed Bottom Belt										
<b>FELB- LT- ITO50-ACR</b>		80A	-40°C to 50°C -40°F to 120°F	0.45	2.5	18	0.70	4	22.40	FDA/EU
<b>FEMB- LT- ITO50-ACR</b>		95A/46D	-35°C to 50°C -30°F to 120°F	0.25	2.5	40	1.57	4	22.40	FDA/EU

**Note:**\*FELB-IST-ACR – Base belt thickness = 2mm // Total belt thickness including Saw tooth impression top = 4mm. Pull force in table relates to a finger splice weld 20x50 mm. The calculation takes into account the weld splice which has strength of 28kg/cm. Note that various finger splice methods and different tools can result in differing belt strengths.

\*\*Available belt width: 1524mm/60inch-standard or 2032mm/80inch.

