

- Volta has been manufacturing belts from homogenous Thermoplastic Elastomer (TPE) materials for over 55 years.
- The base belts are cut and abrasion resistant and have no ply or hinged elements which harbor bacteria.
- Volta products are the optimal choice where superior hygiene, conveying and cost efficiency are targets.

Homogeneous Belts											
Product & Color		Shore Hardness	Temperature Range	Coefficient of Friction on S.Steel (Bottom)	Thickness		Minimum Pulley Diameter		Pull Force: Pretension of 1%		Certifications
					mm		mm	Inch	kg/cm	lbs/in	
FHB	Blue16	59D	-20° C to 75° C -5° F to 170° F	0.28	2		70	2 <sup>3</sup> / <sub>4</sub>	2	11.20	FDA/USDA /EU
					3		90	3 <sup>9</sup> / <sub>16</sub>	3	16.80	
					4		110	4 <sup>3</sup> / <sub>8</sub>	4	22.40	
					5		150	5 <sup>7</sup> / <sub>8</sub>	5	28.00	
					6		180	7	6	33.60	
FHB	Blue13	59D	-20° C to 75° C -5° F to 170° F	0.28	4		110	4 <sup>3</sup> / <sub>8</sub>	4	22.40	FDA/USDA /EU
FHW	Off white	59D	-20° C to 75° C -5° F to 170° F	0.28	1.5		50	2	1.50	8.40	FDA/USDA /EU
					2		70	2 <sup>3</sup> / <sub>4</sub>	2	11.20	
					3		90	3 <sup>9</sup> / <sub>16</sub>	3	16.80	
					4		110	4 <sup>3</sup> / <sub>8</sub>	4	22.40	
					5		150	5 <sup>7</sup> / <sub>8</sub>	5	28.00	
					6		180	7	6	33.60	
FMB	Blue	95A/46D	-30° C to 70° C -20° F to 158° F	0.40	2.5		35	1 <sup>3</sup> / <sub>8</sub>	1.50	8.40	FDA/USDA /EU
					3		40	1 <sup>5</sup> / <sub>8</sub>	1.80	10.10	
					4		60	2 <sup>3</sup> / <sub>8</sub>	2.40	13.50	
					5		80	3 <sup>1</sup> / <sub>8</sub>	3	16.90	
					6		90	3 <sup>9</sup> / <sub>16</sub>	3.60	20.25	
FMW	Beige	95A/46D	-30° C to 70° C -20° F to 158° F	0.40	2.5		35	1 <sup>3</sup> / <sub>8</sub>	1.50	8.40	FDA/USDA /EU
					3		40	1 <sup>5</sup> / <sub>8</sub>	1.80	10.10	
					4		60	2 <sup>3</sup> / <sub>8</sub>	2.40	13.50	
					5		80	3 <sup>1</sup> / <sub>8</sub>	3	16.90	
					6		90	3 <sup>9</sup> / <sub>16</sub>	3.60	20.25	
FMWC	Clear	95A/46D	-30° C to 70° C -20° F to 158° F	0.40	2.5		35	1 <sup>3</sup> / <sub>8</sub>	1	8.40	FDA/USDA /EU
					3		40	1 <sup>5</sup> / <sub>8</sub>	1.2	6.70	
					4		60	2 <sup>3</sup> / <sub>8</sub>	1.6	9	
					5		80	3 <sup>1</sup> / <sub>8</sub>	2	11	
					6		90	3 <sup>9</sup> / <sub>16</sub>	2.4	13.4	
FTB	Blue13	72A	-40° C to 40° C -40° F to 104° F	1.25	3		19	<sup>3</sup> / <sub>4</sub>	0.57	3.2	FDA/ EU
Hydrolysis & Chemical Resistant (DR) Homogenous Belts											
FDR	Blue15	53D	-30° C to 70° C -20° F to 158° F	0.55	4		80	3 <sup>1</sup> / <sub>16</sub>	2.4	13.5	FDA/USD A/ EU
Low Temperature (LT) Homogeneous Belts											
FMB-LT	Blue15	95A/46D	-35° C to 65° C -31° F to 149° F	0.36	3		40	1 <sup>5</sup> / <sub>8</sub>	1.20	6.70	FDA/ EU
					4		60	2 <sup>3</sup> / <sub>8</sub>	1.60	9	
					5		80	3 <sup>1</sup> / <sub>8</sub>	2	11.20	
					6		90	3 <sup>9</sup> / <sub>16</sub>	2.40	13.40	
Metal Detectable (MD) Homogeneous Belts											
FMB-MD	Blue 09	95A	-20° C to 60° C -5° F to 140° F	0.50	3		75	3	1.80	10.1	FDA/ EU

Standard belt width = 1524mm (60"). Some of the belts are also available in 2032mm (80") width. Please contact Volta Belting representative for additional information.