



Technical Data Sheet

Product

Rubber Band - flat

Description

flat band at different sizes - used to secure transfer sleeves, port caps etc. in connection with a stainless steel clamp
 FDA approved material - supplied by third party

Meets regulation (EC) No. 1935/2004 and complies with the specifications as stated in US FDA 21 CFR 177.2600 (amount of extractives requirement for rubber articles intended for repeated use in contact with aqueous and fatty foods).

Properties	Test Method	Value-FPS Units	Test Method	Value Metric Units
Specific Gravity	ASTM D297	1.5 ± 0.05	DIN 53508	1.5 ± 0.05
Hardness	ASTM D2240	60 ± 5 Sh A	DIN 53505	60 ± 5 Sh A
Tensile Strength (min)	ASTM D412	1140 PSI	DIN 53504	80 kg/cm2
Elongation at Break (min)	ASTM D412	250%	DIN 53504	250%
Compression Set - 70°C / 24 hours / 25% set (max)	ASTM D395 Method B	40%	DIN 53517	40%
Tear Resistance (Angular) (min)	ASTM D624	112 Lbs/Inch	DIN 53515	20 Kg/cm
Change in Properties				
Heat Aging - 72 hours @ 70°C	ASTM D573			
Hardness (pts)		+5 (max)		+5 (max)
Tensile Strength (%)		+10 / -15		+10 / -15
Elongation at Break (%)		+10 / -15		+10 / -15
Volume Swell: @ 70C for 72 hours/ln		Not		Not
- ASTM Oil No.1	ASTM D471	Recommend		Recommend
- ASTM Oil No.2		d		d
- ASTM Oil No.3				
Chemical Resistance				
Ozone	ASTM D1149	Not Recommend		Not Recommend
Dilute Acids and Bases		Not Recommend		Not Recommend
Concentrated Acids and Bases		Not Recommend		Not Recommend
Oils		Not Recommend		Not Recommend
Solvents		Not Recommend		Not Recommend
Temperature Range		-40°C to +70°C		-40°C to +70°C
Colour			off white	

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