



Technical Data Sheet

Product

HHT UV RUBBER BANDS FLAT

Description

High Heat Tolerant, UV & Ozone Resistant Rubber Bands in Various Trade Sizes

Material	Natural Rubber (Proprietary Blend)
RoHS	RoHS 3 (2015/863/EU) Compliant
REACH	REACH (EC 1907/2006) (01/17/2023, 233 SVHC) Compliant
DFARS	Specialty Metals COTS-Exempt
Country of Origin	United States
USMCA Qualifying	Yes
HTS Code, Schedule B	4016.99.3510
ECCN	EAR99

Properties	Test Method	Value-FPS Units	Test Method	Value Metric Units
Specific Gravity	ASTM D297	1.15 ± 0.05	DIN 53508	1.15 ± 0.05
Hardness	ASTM D2240	45 ± 5 Sh A	DIN 53505	45 ± 5 Sh A
Tensile Strength (min)	ASTM D412	1100 PSI	DIN 53504	80 kg/cm2
Elongation at Break (min)	ASTM D412	725%	DIN 53504	725%
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 @ 80°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/In - ASTM Oil No.1	ASTM D471	2.5% ± 0.05		2.5% ± 0.05
Chemical Resistance				
Ozone	ASTM D1149	No Cracks		No Cracks
Dilute Acids and Bases		Not Recommended		Not Recommended
Concentrated Acids and Bases		Not Recommended		Not Recommended
Oils	ASTM D7575	Pass		Pass
Solvents		Not Recommended		Not Recommended
Temperature Range		-40°F to +248°F		-40°C to +120°C
Color			Black	

All recommendations and information contained on this data sheet are, to the best of our knowledge, correct. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied in respect of information or recommendations, or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification. RB 2020