

RT-LAG55-OW-DI-FG-BL

Wear-resistant · food-grade pulley lagging, mini diamond · off-white · 55 Sh A · with bonding layer (BL)

Product overview

Material family	Wear-resistant
Colour	Off-white
Available thicknesses	6.6 · 8 · 10 mm
Roll width	2000 mm
Roll length	10000 mm
Typical use	Abrasion-resistant rubber for material handling.

Certifications & compliance

- Food contact: complies with FDA requirements and EU Regulation (EC) No 1935/2004
- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.10
Hardness	DIN 53505 / ASTM D2240	55 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	2133 PSI / 150 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	600 %
Abrasion resistance (max)	DIN 53516 / ASTM D5963	120 mm ³
Compression set (70 °C / 24 h / 25 %) (max)	DIN 53517 / ASTM D395 method B	30 %
Tear resistance, angular (min)	DIN 53515 / ASTM D624	151 lbs/inch / 27 kg/cm
Change in properties after heat ageing (72 h at 70 °C)	ASTM D573	
Hardness (pts)		+5 (max)
Tensile strength (%)		+10 / -25
Elongation at break (%)		+10 / -25
Volume swell (72 h at 70 °C)	ASTM D471	
ASTM oil No. 1		Not recommended
ASTM oil No. 2		Not recommended
ASTM oil No. 3		Not recommended
Chemical resistance		
Ozone	ASTM D1149	Fair
Dilute acids and bases		Good
Concentrated acids and bases		Not recommended
Oils		Not recommended
Solvents		Not recommended
Design		Mini diamond pattern, grey neoprene bonding layer
Temperature range		-30 °C to +70 °C