

Coating Data Sheet



Designation

Coating type description OLD	SO
Coating type description NEW	Sponge rubber

Design

Coating Material	Cellular rubber
Colour	Orange
Surface pattern	Foam, open cell

Technical data

Hardness [Shore(A)]	
Density [kg/m ³]	250
Coating thickness min. [mm]	5.0
Coating thickness max. [mm]	25.0
d factor *	10
Minimum pulley diameter D _{min} (approx.) [mm]	[d factor] x [selected belt thickness]
Minimum operating temperature [°C]	-40
Maximum operating temperature [°C]	70

Coefficient of static friction

against PE foil	0.98
against wood	1.30
against sheet glass	1.26
against cardboard	1.07
against aluminium	1.30
against steel sheet	1.11

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Properties

Electrostatic properties	non-conductive
Wear resistance	low
Compressibility	Yes
Product release properties	low
Cleanability	effortful

Food properties

FDA 21CFR	Qualified for the transport of unpacked Food in compliance with FDA guideline 21CFR
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Chemical resistance

General chemical resistance to	Insufficient fat and oil resistance
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Special Fabrication

Sanding	Yes
Milling	Yes
Punching	Yes

Applications

Conveying of sensitive goods

General remarks

Excellent cushioning and conforming to products. Excellent for gentle conveying of sensitive goods. Cell structure open.