

Coating Data Sheet



Designation

Coating type description OLD	UU 20U NA FSTR/FSTR White
Coating type description NEW	PU 85/FSTR

Design

Coating Material	Polyurethane (thermoplastic)
Colour	White
Surface pattern	Fine structure

Technical data

Hardness [Shore(A)]	85
Density [kg/m ³]	
Coating thickness min. [mm]	1.0
Coating thickness max. [mm]	1.0
d factor *	10
Minimum pulley diameter D _{min} (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-20
Maximum operating temperature [°C]	60

Coefficient of static friction

against PE foil	0.32
against wood	0.48
against sheet glass	0.57
against cardboard	0.59
against aluminium	0.58
against steel sheet	0.64

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Properties

Electrostatic properties	conductive
Wear resistance	high
Compressibility	No
Product release properties	good release
Cleanability	good

Food properties

FDA 21CFR	Qualified for the transport of unpacked Food in compliance with FDA guideline 21CFR
(EU) 10/2011 und EC 1935/2004	Suitable for the transport of unpacked Food in compliance with food safety regulation (EU) 10/2011 and regulation (EC) 1935/2004

Chemical resistance

General chemical resistance to	Generic fats and oils
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Special Fabrication

Sanding	No
Milling	No
Punching	Yes

Applications

Food packaging, Pharmaceutical industry, Paper / Cardboard conveying, Metal parts conveying, General conveying

General remarks

High chemical resistance. Excellent cut and wear resistance. Good release properties to conveyed goods, e.g. foodstuff.