

Coating Data Sheet



Designation

Coating type description OLD	U20
Coating type description NEW	PU 85

Design

Coating Material	Polyurethane (thermoplastic)
Colour	Transparent
Surface pattern	Smooth (sanded)

Technical data

Hardness [Shore(A)]	85
Density [kg/m ³]	
Coating thickness min. [mm]	2.0
Coating thickness max. [mm]	4.0
d factor *	30
Minimum pulley diameter D _{min} (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-20
Maximum operating temperature [°C]	80

Coefficient of static friction

against PE foil	0.64
against wood	0.66
against sheet glass	
against cardboard	0.49
against aluminium	1.01
against steel sheet	1.20

Coating Data Sheet

Properties

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

Chemical resistance

General chemical resistance to	Generic fats and oils
--------------------------------	-----------------------

Special Fabrication

Sanding	Yes
Milling	Yes
Punching	Yes

Applications

Glass conveying, Metal parts conveying, Conveying of abrasive goods

General remarks

High chemical resistance. Excellent cut and wear resistance. Good release properties.