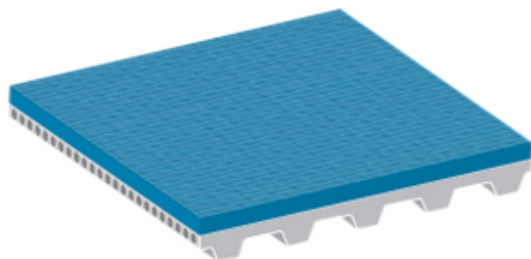


## Coating Data Sheet



### Designation

Coating type description OLD	UR 40U
Coating type description NEW	R 85

### Design

Coating Material	Thermoplastic medium grip elastomer
Colour	Blue
Surface pattern	Fine structure

### Technical data

Hardness [Shore(A)]	85
Density [kg/m <sup>3</sup> ]	
Coating thickness min. [mm]	1.3
Coating thickness max. [mm]	1.3
d factor *	20
Minimum pulley diameter D <sub>min</sub> (approx.) [mm]	[d factor] x [selected belt thickness]
Minimum operating temperature [°C]	-20
Maximum operating temperature [°C]	60

### Coefficient of static friction

against PE foil	0.60
against wood	0.75
against sheet glass	0.67
against cardboard	0.59
against aluminium	1.04
against steel sheet	0.52

## Coating Data Sheet

### Properties

Electrostatic properties	non-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, Wood conveying, 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.