

## Coating Data Sheet



### Designation

Coating type description OLD	Silicone
Coating type description NEW	Silicone

### Design

Coating Material	Silicone
Colour	Transparent
Surface pattern	Glossy

### Technical data

Hardness [Shore(A)]	35
Density [kg/m <sup>3</sup> ]	
Coating thickness min. [mm]	1.0
Coating thickness max. [mm]	10.0
d factor *	50
Minimum pulley diameter D <sub>min</sub> (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-60
Maximum operating temperature [°C]	220

### Coefficient of static friction

against PE foil	1.09
against wood	0.63
against sheet glass	0.84
against cardboard	0.62
against aluminium	0.88
against steel sheet	0.98

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### Properties

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

### 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, Conveying of hot and sticky goods

### General remarks

Excellent release properties and cleanability. High friction. Temperature range limited by PU timing belt material.