

## Coating Data Sheet



### Designation

Coating type description OLD	Teflon
Coating type description NEW	PTFE

### Design

Coating Material	Polytetrafluoroethylene (PTFE)
Colour	Grey
Surface pattern	Glossy

### Technical data

Hardness [Shore(A)]	
Density [kg/m <sup>3</sup> ]	
Coating thickness min. [mm]	0.3
Coating thickness max. [mm]	0.3
d factor *	300
Minimum pulley diameter D <sub>min</sub> (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-200
Maximum operating temperature [°C]	260

### Coefficient of static friction

against PE foil	0.11
against wood	0.12
against sheet glass	0.11
against cardboard	0.16
against aluminium	0.11
against steel sheet	0.07

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### Properties

Electrostatic properties	non-conductive
Wear resistance	high
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, Pharmaceutical industry, Conveying of hot and sticky goods

### General remarks

Excellent release properties and cleanability. Low friction, accumulation possible. Temperature range limited by PU timing belt material.