

## Coating Data Sheet



Designation
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Coating type description OLD	Pimple top
Coating type description NEW	PVC 65/Pimple

siegling proposition

## Design

Coating Material	PVC
Colour	White
Surface pattern	Pimple top profile

## **Technical data**

Hardness [Shore(A)]	65
Density [kg/m³]	
Coating thickness min. [mm]	2.5
Coating thickness max. [mm]	2.5
d factor *	20
Minimum pulley diameter D <sub>min</sub> (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-10
Maximum operating temperature [°C]	80

## **Coefficient of static friction**

against PE foil	0.37
against wood	0.51
against sheet glass	0.78
against cardboard	0.46
against aluminium	0.47
against steel sheet	0.92

The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations. Temperature range of polyurethane (PU) timing belt base material -5/+80 °C (permanent). See our brochure "Chemical resistance" which shows the resistances of Siegling Proposition (PU) timing belt base material.



# siegling proposition timing belts

## Coating **Data Sheet**

## **Properties**

Electrostatic properties	non-conductive
Wear resistance	medium
Compressibility	No
Product release properties	medium
Cleanability	effortful

## **Chemical restistance**

General chemical resistance to

Acids, salts & bases

## **Special Fabrication**

Sanding	No
Milling	No
Punching	Yes

## Applications

Food packaging, Pharmaceutical industry

## **General remarks**

Special pimple top profile.