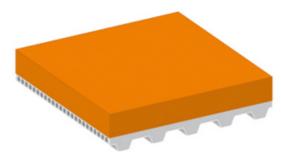


# Coating Data Sheet



## Designation

Coating type description OLD	Linatrile
Coating type description NEW	Linatrile

siegling proposition timing belts

### Design

Coating Material	Nitrile rubber (NBR)
Colour	Orange
Surface pattern	Smooth (sanded)

## **Technical data**

Hardness [Shore(A)]	55
Density [kg/m³]	
Coating thickness min. [mm]	3.0
Coating thickness max. [mm]	12.0
d factor *	25
Minimum pulley diameter Dmin (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-20
Maximum operating temperature [°C]	110

### **Coefficient of static friction**

against PE foil	0.90
against wood	0.99
against sheet glass	1.27
against cardboard	0.81
against aluminium	1.07
against steel sheet	1.13

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	good

## **Chemical restistance**

General chemical resistance to

Generic fats and oils

## **Special Fabrication**

Sanding	Yes
Milling	Yes
Punching	Yes

## Applications

Wood conveying, Feeder & haul-off belts in cable industry

### **General remarks**

High elasticity. Constantly high friction. Temperature range limited by PU timing belt material.