

# siegling proposition timing belts

# Coating Data Sheet



## Designation

Coating type description OLD	EPDM
Coating type description NEW	EPDM

### Design

Coating Material	Synthetic rubber (EPDM)
Colour	Black
Surface pattern	Smooth (sanded)

## **Technical data**

Hardness [Shore(A)]	70
Density [kg/m³]	
Coating thickness min. [mm]	2.0
Coating thickness max. [mm]	10.0
d factor *	25
Minimum pulley diameter D <sub>min</sub> (approx.) [mm]	[d factor] x [selected coating thickness]
Minimum operating temperature [°C]	-40
Maximum operating temperature [°C]	100

#### Coefficient of static friction

against PE foil	0.61
against wood	0.69
against sheet glass	0.67
against cardboard	0.78
against aluminium	0.69
against steel sheet	0.97



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### **Properties**

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

#### **Chemical restistance**

General chemical resistance to	Insufficient fat and oil
	resistance

### **Special Fabrication**

Sanding	Yes
Milling	Yes
Punching	Yes

# **Applications**

Bottle inspection lines, Metal parts conveying, Conveying of abrasive goods

### **General remarks**

Excellent abrasion and cut resistance. Temperature range limited by PU timing belt material.