

# The STRENGTH of METAL

*long life  
tight tolerances  
high temperature  
high strength*

## ***SPECIFICATIONS***

<b>MATERIAL</b>	Stainless Steel - runs up to 800°F • Stainless Steel Alloys Special Applications • Steel Alloys - Special Applications Inconel - runs up to 2000°F • Beryllium Copper - Special Applications • Nickel - Special Applications
<b>WIDTH</b>	.020" up to 36" call for minimum quantity requirements
<b>THICKNESS</b>	.003" to .030"
<b>LENGTH</b>	Minimum 1/2" diameter
<b>SURFACE FINISH</b>	Smooth Finish • Embossed • Perforated • Abrasive Black Oxidized • Custom Coated
<b>EDGE FINISH</b>	Slit and deburred • Smooth or Round
<b>COATINGS</b>	Teflon for non-stick release • Rubber for good friction
<b>ATTACHMENTS</b>	Bars, Pins, Pads, Profiles, Custom Fixtures

## ***STEEL BELTS PROVIDE***

- High heat resistance
- Vacuum capability
- No lubrication required
- High strength-to-weight ratio
- Dimensional stability
- Flexibility
- Smooth operation
- No static build up
- Sterile environment
- Precise construction
- Magnetic properties
- Long lasting performance
- Accuracy time after time
- Good thermal and electrical conductivity
- Durability in extremely hostile environments



*Endless metal belts from Belting Industries providing endless solution*

## **Belting Industries Co., Inc.**

20 Boright Avenue • PO Box 310 • Kenilworth, NJ 07033-0310 • [www.beltingindustries.com](http://www.beltingindustries.com) • [info@beltingindustries.com](mailto:info@beltingindustries.com)

**800-THE-BELT (800-843-2358)**

**Every application is different.  
Belting Industries can design  
each product to *your* unique  
specifications.**

## BELT SURFACE TREATMENTS

- **TEFLON:** Available in several formulations
- **URETHANE:** Bonded to the metal belt
- **SILICONE:** Bonded to the metal belt
- **HYPALON:** Bonded to the metal belt
- **NEOPRENE:** Bonded to the metal belt

## SURFACE TREATMENT CHARACTERISTICS

Coating	Main Characteristics	Operating Temperature	Thickness
TEFLON TFE	Anti-Stick	up to 600°F	0.001"
TEFLON FEP	Corrosion Resistant • Low Temperature	-325°F to + 425°F	0.003" to 0.004"
TEFLON-SILVERSTONE	Approved Food Contact	up to 600°F	0.004" to 0.006"
TEFLON-S 550	Abrasion Resistance	up to 450°F	0.0015"
SILICONE RUBBER	Excellent Release • High Friction	up to 400°F	0.004"
POLYURETHANE	High Friction • Moldable	up to 160°F	0.008" to 0.125"
NEOPRENE RUBBER	Compressible • Die Cut Pockets	up to 160°F	0.015" to .250"

*Belting Industries designs and manufactures pulleys to meet the unique characteristics of your metal belt requirements.*



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