

## NDP<sup>®</sup> 45 & NDP<sup>®</sup> 60

### Rubber Lagging for Non-Drive Pulleys

NDP laggings from IMTECH<sup>®</sup> are self-cleaning to resist build-up of conveyed material on belts.

### Keep your conveyor running clean and smooth.

The outstanding physical properties of IMTECH<sup>®</sup> NDP 45 and NDP 60 ensure:

- ▶ Removal of sticky or caking material from the conveyor belt
- ▶ Improved belt tracking
- ▶ Excellent wear life
- ▶ Reduction of wear on expensive pulleys
- ▶ Optimum performance and reliability of plant conveying equipment

High performance NDP 45 and NDP 60 pulley lagging reduces costly downtime in mining and material processing applications.

#### IMTECH NDP 45

IMTECH<sup>®</sup> NDP 45 Lagging is ideally suited for use on non-drive conveyor pulleys and return rollers, and is designed to eliminate the build-up of conveyor belt carry-back of sticky material fines. The elastic properties of the rubber, combined with the exceptional wear and abrasion-resistant properties of the rubber compound, ensure that the pulley is self-cleaning, thereby assisting in the overall performance and efficiency of the conveyor system.

#### IMTECH NDP 60

IMTECH<sup>®</sup> NDP 60 Lagging is best suited for use on conveyor bend and snub pulleys in high-tension applications. The lagging will eliminate build-up and reduce wear on the pulley



*IMTECH<sup>®</sup> NDP 45 pulley lagging eliminates material buildup on bend and snub pulleys.*



*IMTECH<sup>®</sup> NDP 60 pulley lagging extends the service life of pulleys in high abrasion applications.*

# NDP<sup>®</sup> 45 & NDP<sup>®</sup> 60

## Product Specifications



### Description

IMTECH<sup>®</sup> NDP 45 and NDP 60 Rubber Non-Drive Pulley Lagging is a blend of natural and synthetic rubbers with high elasticity and excellent abrasion resistance.

### Typical Applications

IMTECH<sup>®</sup> NDP rubber lagging products are typically used on non-drive conveyor pulleys to facilitate self-cleaning and to prevent wear and corrosion.

### Bonding System

IMTECH<sup>®</sup> NDP 45 and NDP 60 are supplied with a special bonding layer, which facilitates installation and provide excellent adhesion when used in conjunction with our IMTECH<sup>®</sup> STR<sup>®</sup> two-part cold bonding cement systems.

Adhesive application instructions and surface preparation procedures are available upon request.

### Mean Physical Properties

	NDP 45	NDP 60
▶ Color	Orange	Black
▶ Elastomer	NR/IR	NR/BR
▶ Tensile Strength	2,900 psi	2,844 psi
▶ Tear Resistance	631 psi	824 psi
▶ Elongation at Break	550%	450%
▶ Density (specific weight)	1.05 g/cm <sup>3</sup>	1.15 g/cm <sup>3</sup>
▶ Hardness	45 Shore +/- 5%	60 Shore +/- 5%
▶ Resilience	65%	55%
▶ Abrasion Resistance	82mm <sup>3</sup> @ 5n	82mm <sup>3</sup> @ 10n
▶ Temperature Range	-40°C to +80°C -40°F to +178°F	-40°C to +80°C -40°F to +178°F

### Product Availability

IMTECH<sup>®</sup> NDP Lagging is available in rolls in the following thicknesses. Refer to the Pulley Lagging Material Requirements chart to determine the product for your application.

Part No.	Thickness	Roll Size
IMNDP45250	1/4"	60" x 33'
IMNDP45375	3/8"	60" x 33'
IMNDP45500	1/2"	60" x 33'
IMNDP45750	3/4"	60" x 33'
IMNDP451000	1"	60" x 33'
IMNDP60250	1/4"	60" x 33'
IMNDP60375	3/8"	60" x 33'
IMNDP60500	1/2"	60" x 33'
IMNDP60750	3/4"	60" x 33'
IMNDP601000	1"	60" x 33'



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