



RDP[®] Rubber Drive Pulley Lagging

IMTECH[®] *RDP*[®] provides exceptional belt traction for challenging conveying applications.

Get traction where you need it most.

The unique profile design and superior quality rubber compound place *IMTECH*[®] *RDP*[®] Lagging at the forefront of conveyor drive lagging development. The profile pattern ensures maximum surface contact with the conveyor belt to minimize slippage and improve traction. At the same time, the open spaces between the profiles allow product fines, moisture and water to disipate from the conveyor.

In applications where rubber lagging has been determined to be the best solution, *IMTECH*[®] *RDP*[®] Lagging provides the following important advantages over other systems:

- ▶ Provides positive belt traction in difficult operating conditions
- ▶ Optimizes belt tracking
- ▶ Improves abrasion resistance and extends wear life
- ▶ Installs easily, either in place on site or in our workshop
- ▶ Minimizes system downtime
- ▶ Helps lower your cost per ton for moving material

IMTECH[®] products are manufactured with the end application in mind. Not only have we had years of experience in manufacturing wear and abrasion products, but we also have had years of experience installing and maintaining equipment in the field under the harshest environments. So when we design a product for the material handling industry, (mining hard rock, coal and aggregate applications) you can be assured that we know how the product should react in the toughest of applications.



IMTECH[®] *RDP*[®] provides outstanding gripping power and tracking on heavy duty conveyor belt systems.



IMTECH[®] *RDP*[®] rubber compounds are specially formulated to offer superior abrasion resistance.

RDP® Rubber Drive Pulley Lagging

Product Specifications



Description

IMTECH® RDP® Rubber Drive Pulley Lagging is a combination of synthetic, natural and butadiene rubbers, with excellent properties such as high tensile strength and abrasion resistance.

Typical Applications

IMTECH® RDP® rubber lagging is typically used to enhance pulleys for fabric carcass and steel cable conveyor belting.

Bonding System

Both 12" wide and 60" wide rolls of IMTECH® RDP® are supplied with a special CN bonding layer. These prepared surfaces facilitate installation and provide excellent adhesion when used in conjunction with our IMTECH® STR® two-part cold bonding adhesive system.

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

Product Availability

IMTECH® RDP® Lagging is available in rolls in the following thicknesses. Refer to the *Pulley Lagging Material Requirements* chart to determine the product for your application. 20' rolls available, call for details. Available in MSHA compound.

Part No.	Thickness	Roll Size	Profile Size
RDP 1/2 - 12	1/2"	12" x 12'	2-3/4" x 1-1/2"
RDP 1/2 - 20	1/2"	12" x 20'	2-3/4" x 1-1/2"
RDP 3/4 - 12	3/4"	12" x 12'	4-1/2" x 2-1/2"
RDP 3/4 - 20	3/4"	12" x 20'	4-1/2" x 2-1/2"
MSHA Compound			
RDP-M 1/2 - 12	1/2"	12" x 12'	2-3/4" x 1-1/2"
RDP-M 1/2 - 20	1/2"	12" x 20'	2-3/4" x 1-1/2"
RDP-M 3/4 - 12	3/4"	12" x 12'	4-1/2" x 2-1/2"
RDP-M 3/4 - 20	3/4"	12" x 20'	4-1/2" x 2-1/2"
CN Bonding Layer			
RDP BL 1/2 - 12	1/2"	12" x 33'	2-3/4" x 1-1/2"
RDP BL 3/4 - 12	3/4"	12" x 33'	4-1/2" x 2-1/2"
RDP BL 1/2 - 60	1/2"	60" x 33'	2-3/4" x 1-1/2"
RDP BL 3/4 - 60	3/4"	60" x 33'	4-1/2" x 2-1/2"

Also available in made to order kits, including lagging strips cut to length, adhesives, primer and sealant.

Mean Physical Properties

- ▶ Color Black
- ▶ Elastomer NR/SBR
- ▶ Tensile Strength 2,900 psi
- ▶ Elongation 500%
- ▶ Density (sg) 1.12
- ▶ Hardness 65 Shore +/- 5%
- ▶ Resilience 55%
- ▶ Abrasion Resistance .25 equal to (100 mm³ @ 10n)

RDP-15C® Ceramic/Rubber Lagging (with 15% Ceramic Tiles)



RDP-15C is designed using IMTECH RDP premium quality rubber lagging with 15% ceramic tiles added to provide a higher coefficient of friction and increased wear life. RDP-15C is an economical solution for those applications where additional contact with the conveyor belt is needed, but full ceramic lagging is not necessary.

RDP-15C is an economical solution for those applications where additional contact with the conveyor belt is needed, but full ceramic lagging is not necessary.

Part No.	Weight / Strip	Tiles / Strip	Tile Coverage Across Length	Overall Strip Length
RDP-15C-1/2x12	43#	216	142"	144"
RDP-15C-1/2x20	71#	360	238"	240"

RDP-15C® MSHA Ceramic/Rubber Lagging (with 15% Ceramic Tiles)

Part No.	Weight / Strip	Tiles / Strip	Tile Coverage Across Length	Overall Strip Length
RDP-15C-1/2x20-M	71#	360	238"	240"



IMTECH Sales Office

1225 West Main Street Elko, NV 89801 Phone 800-738-0308 Fax 877-638-0308
 info@imtechrubber.com www.imtechrubber.com