



# Panglag 50

## Smooth, Diamond & Non-Marking

### DESCRIPTION

PANGLAG 50 is a natural rubber blend with a high coefficient of friction for drive pulley systems. Available with a smooth (Panglag 50S) or omni directional diamond profile surface (Panglag 50) and bonding layer for vulcanization to metal.

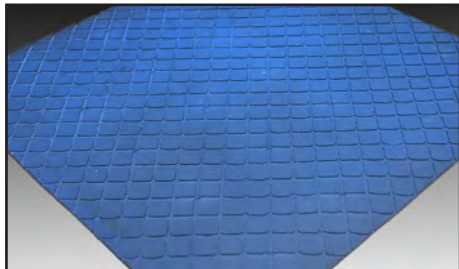
### USAGE

PANGLAG 50 is used on drive tail or blend pulleys in damp or wet conditions where maximum traction is needed to reduce slippage of conveyor belts. PANGLAG 50 is very resilient to caking and build up on pulleys is not a problem on light and medium tension conveyor systems. PANGLAG 50 diamond profiled lagging will dissipate water and dirt in all directions.

NON MARKING PANGLAG 50 is also available with the omni directional diamond profile. It is designed where non marking features are required.

### PROPERTIES

Polymer:	NR/SBR
Color:	Blue
Hardness:	50° duro scale shore "A" ± 5°
Tensile strength:	1,800 psi (12.3 MPa)
Elongation at break:	500%



### ROLL SIZES <sup>1</sup>

Catalog Number	Description
PLLD501/2W	Plag 50 1/2" x 60" x 42.5' w/BL

### STORAGE

Store PANG rubber products, cements and solvents in a cool, dry, dark place. Avoid direct sunlight.

### NOTE

PANG's Technical Support staff is available for specific recommendations to help select the type of rubber, thickness, and other data for a correct installation and service.

<sup>1</sup> Thickness specification follows MIL-R-3065E  
 1/8" ± .020   1/4" ± .031   1/2" ± .047   3/4" ± .093   1" ± .100

Unless otherwise specified, single bonding layer.



# For Best Results, Use These Products with Panglag 50



## CFC-FREE PANGOFOL CHLOROPRENE CEMENT (Black)

Catalog Number	Quantity	Case Quantity
992F/QT	1.65 LBS (0.75 Kg)	10
992F/GAL	6.6 LBS (3 Kg)	4
992F/5GAL	33 LBS (15 Kg)	N/A
992F/55GAL	400 LBS (182 Kg)	N/A



## NON-FLAMMABLE PANGOFOL CHLOROPRENE CEMENT (Black)

Catalog Number	Quantity	Case Quantity
992/QT	2.2 LBS (1 Kg)	10
992/GAL	11 LBS (5 Kg)	4
992/5GAL	55 LBS (25 Kg)	N/A
992/55GAL	628 LBS (290 Kg)	N/A



## ACTIVATOR

Catalog Number	Quantity	Case Quantity
968F/30cc	30cc	12
968F/60cc	60cc	12



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## PANG METAL PRIMER

Metal primer designed to give excellent cold bond adhesion of rubber-to-metal or rubber-to-concrete when used in conjunction with Pangofol Black or Pangofol White. Used to prime all metal or concrete substrates before applying adhesives. SHAKE WELL BEFORE EACH USE.

Catalog Number	Quantity	Case Quantity
960/QT	1 Quart (.95L)	10
960/GAL	1 Gallon (3.8L)	4



## BUFSOL RUBBER CLEANER

Bufsol is a CFC-free rubber cleaning solvent. Recommended for cleaning rubber and metal before applying primers or bonding cements.

Catalog Number	Quantity	Case Quantity
816F/QT	1 Quart (.95L)	12
816F/GAL	1 Gallon (3.8L)	4
816F/11OZ	11 oz (311 g) Aerosol Can	12

## Recommended Tools

Catalog Number	Description
966	Hand Held Soft Brass Brush
S2022	1½" x 4" 36 Grit Contour Wheel
S2023	1½" x 4" 60 Grit Contour Wheel
T34	Rubber Mallet
S1032	2,800 RPM Air Grinder
939	2" x ¼" Stitcher
S990	Rapid Action Air Hammer
S992	Repair Installation Hammer



# Panglag 50

## Instructions for Use

### APPLICATIONS

PANGLAG 50 is used for rubber lagging of pulleys and idlers.

### PROCEDURE

1. Sandblast to white metal finish, or use abrasive disc. Avoid polishing the metal.
2. Remove dust. Clean the surface with a lint-free clean cloth slightly dampened with BUFSOL. Let dry.
3. Stir PANG PRIMER thoroughly and apply 1 coat to prepared metal surface. Let dry.
4. Stir PANGOFOL with ACTIVATOR. Mix thoroughly. This mixture is usable for 2 to 4 hours.
5. Apply a coat of PANGOFOL-ACTIVATOR mixture to the primed metal surface. Let dry.
6. Cut the rubber to appropriate size and remove protective backing from the bonding layer. The bonding layer can be cleaned or conditioned with BUFSOL if necessary. Let BUFSOL dry before applying PANGOFOL-ACTIVATOR mixture.
7. Place a strip of the protective backing 4" (100mm) wide across the width of the pulley with the ends slightly extending over the sides. Draw a straight line across the middle of the strip for lagging alignment.
8. Apply a second coat of PANGOFOL-ACTIVATOR mixture to the pulley and a first coat to the bonding layer. Let dry until slightly tacky. Align the edge of the lagging with the line on the strip.
9. Wrap the rubber around the pulley. Apply pressure from the center outward with a heavy stitcher to avoid trapping air. Hammer down with a rubber mallet.
10. Trace the upper edge of the leading end with chalk. Press the overlap end onto the chalk line to mark a line on the bottom of the rubber. Cut off any excess rubber on this line to match both ends under-cut end at 45° angle.
11. Lightly buff and clean the ends. Remove the strip. Apply a coat of PANGOFOL-ACTIVATOR mixture to the butts of both ends. Let dry until tacky.
12. Roll ends down firmly with a stitcher, applying pressure from the center outward. Clamp if necessary.
13. Trim the excess rubber around the edges of the pulley with a sharp rubber knife, cutting on the down stroke so as not to pull the rubber from the pulley.

### WORKING TEMPERATURE RANGE

The maximum working temperature of PANGLAG 50 is 185°F (85°C).

### COVERAGE

1 qt. (0.95 l) PANG PRIMER covers approximately 130 sq. ft. (12m<sup>2</sup>).

2.2 lbs. (1kg) of the cement mixture covers approximately 25 sq.ft. (2.3m<sup>2</sup>) single coat.