



Panguard 60FE

DESCRIPTION

PANGUARD 60FE is a natural/synthetic rubber blend, with bonding layer, 60 durometer. For underground applications or wherever MSHA (U.S. Mine Safety and Health Administration) requires flame retardant rubber. With bonding layer, certification #IC-133/4. Without bonding layer, certification #IC-133/3.

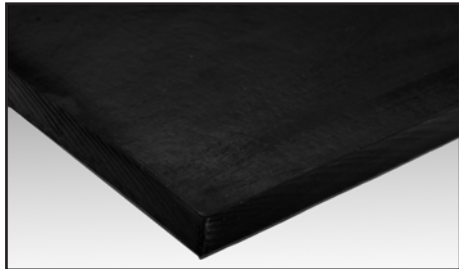
USAGE

PANGUARD 60FE is specifically formulated for impact and sliding abrasion. Used in chute lining, transfer points, discharge aprons, screen decks, screen clamps, impact and deflector plates when particles are larger than 1" (25mm).

PROPERTIES

Polymer:	NR/BR/SBR
Color:	Black
Hardness:	60° duro scale shore "A" ± 5°
Tensile strength:	2,800 psi (19.3 MPa)
Elongation at break:	500%
Resilience:	50-55%

ROLL SIZES ¹



Catalog Number	Description
PGFE601/4W	Panguard 60 FE 1/4" x 60" x 42.5' w/BL
PGFE603/8W	Panguard 60 FE 3/8" x 60" x 42.5' w/BL
PGFE601/2W	Panguard 60 FE 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.

¹ 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 Panguard 60FE



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



Panguard 60FE Instructions for Use

APPLICATION

PANGUARD 60FE is specifically formulated for impact and sliding abrasion. Used in chute lining, transfer points, discharge aprons, screen decks, screen clamps, impact and deflector plates when particles are larger than 1" (25mm).

PROCEDURE

1. Grind or sandblast metal surface. Surface must be rough, not polished.
2. Remove dust and clean with a lint-free clean cloth dampened with BUF SOL. Let dry.
3. Stir PANG PRIMER very well and apply to the prepared metal surface. Let dry. Drying time is 1 hour, but will stay active for about 24 hours.
4. Remove protective backing from bonding layer. The layer may be cleaned with BUF SOL.
5. Mix 1 quart/kg. can PANGOFOL with 60cc ACTIVATOR. Stir well. This mixture is usable for 2 to 4 hours.
6. Apply 1 coat of PANGOFOL/ACTIVATOR mixture to the prepared metal surface and the bonding layer. Let dry 45 minutes to 1 1/2 hour.
7. Apply second coat of PANGOFOL/ACTIVATOR to both surfaces. Let dry until tacky (\pm 40 minutes).
8. Align rubber sheet carefully and apply to metal surface.
9. Stitch down rubber sheet or hammer down with rubber mallet to give good contact. Clamp if necessary.
10. Can be put into service in approximately 4 hours.

WORKING TEMPERATURE RANGE

The maximum working temperature of PANGUARD is 180°F (82°C).

COVERAGE

1 qt. (0.95 l) PANG PRIMER covers approximately 130 sq. ft. (12m²).
2.2 lbs. (1 kg) of the cement mixture covers approximately 25 sq.ft. (2.3m²) single coat.