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WEAR-CON PGP-100 WHITE UHMW and WEAR-CON PGP-190 BLACK UHMW

Natural 100% Virgin UHMW Polymer produced from resin exhibiting the highest molecular weight available. PGP-100 products exhibit flatness and thickness tolerance. It meets compliance with the FDA for use in food contact applications. PGP-100 White UHMW provides answers for wear and friction for moving wet, sticky, or fine particles in hoppers and chutes. It provides high resistance to corrosive chemicals and impact. PGP-100 is lightweight and easy to install with standard tools. PGP-100 White UHMW provides a lower coefficient of friction than glass.

PGP-190 Black Industrial grade UHMW polymer is produced to provide higher wear and UV resistance compared to PGP-100.

MECHANICAL PROPERTIES

Hardness	67 Shore D
Yield Strength	3400 PSI
Tensile Strength	4,000 - 6,300 PSI
Water Absorption	Nil
Max Service Temp	180 Deg (F)

STANDARD THICKNESS

1/4", 3/8", 1/2", 3/4", & 1"

STANDARD SIZES

48" x 96", 48" x 120", and 60" x 120" sheets
 1/2" dia to 6" dia Rod in 10' lengths
 Cut sizes of Rod or Sheets are also available

SUGGESTED USES FOR WEAR-CON PGP-100 and PGP-190

CEMENT INDUSTRY

- Slurry Chutes
- Vibrating Feeder Pans
- Sand Apron Drags
- Shale Bin Hoppers
- Pan Conveyor Segments
- Limestone Bin Hoppers
- Coal Bunker Linings
- Conveyor Belt Guides
- Conveyor Belt Wipers
- Conveyor Belt Skirtboards

GRAIN INDUSTRY

- Drag Conveyor Paddles
- Air Slide Gates
- Sprockets Chain Guides
- Conveyor Belt Guides
- Conveyor Belt Wipers
- Conveyor Belt Skirtboards