

Amera-Plex™

ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE



Color Code:
WHITE OR
GREEN

Amera-Plex reduces maintenance problems with increased cost savings wherever excessive wear problems occur due to sliding action. Amera-Plex provides a cling-free surface, eliminating material buildup and corrosive action.



Features And Characteristics

High abrasion resistance

- Outwears AR steel 3 to 4 times longer
- Outwears stainless steel 6 times longer
- Outwears carbon steel 8 to 10 times longer
- Outwears Nylon, Teflon, Delrin, Nylatron

Resists fatigue

- No cracking when subjected to high mechanical stress or temperature variations
- Zero moisture absorption

Chemically inert

- Resists all acids, alkalies, and corrosive conditions

Lightweight, easily fabricated

- 1/8 the weight of steel
- Use standard wood or metal working tools to saw, turn, plane, drill, pierce, or mill

High notch impact strength

- Retains excellent impact strength despite sub-zero temperatures or repeated impact of blunt medium
- Work hardens with repeated abuse

Superslippery

- Material will not stick, freeze, cake, or cause bridging
- Self-lubricating
- Low coefficient of friction
- Materials able to move faster in chutes

Electrical/Noise insulator

- Eliminates static charge buildup
- Reduces decibel level compared to steel

FDA And USDA Approved

- Odor-free
- Taste-free
- Noncorrosive
- Food industry approved for abrasion and chemical applications

Available Sizes

Amera-Plex Sheets

Thickness: 1/8" thru 5"

Width/Length: 48" x 96" or 48" x 120"

Amera-Plex Rods

Diameter: 1/2" thru 6" (in 1/4" increments)

Length: 10'

Amera-Plex Bars

Thickness: 1/4" x 4"

Width: 1/2" x 24"

Tubing and profiles available