

Poly-Krome™

Ultra High Molecular Weight Polymer



Poly-Krome is a multi-purpose polyethylene based plastic that can be used in a variety of industrial applications.

Poly-Krome and other similar products can be manufactured in a variety of shapes, sizes and dimensions. Standard shapes are plate, sheets, tubing, rod, extruded shapes and squares. Call for current availability.

Key Advantages

Light Weight – roughly 12% the weight of carbon steel

Machinable – easily machinable and formable with standard tools

Chemical Resistant – resistant to many industrial chemicals

Abrasion Resistant – able to take extreme wear

Low Coefficient of Friction – makes it ideal for sliding Applications

USDA and FDA Approved – suitable for dry and/or wet food contact

(Past Protected Trade Name of
Ludlow Steel Company – Poly-Glide™)

Typical Applications

Bushings	Guides	Rollers
Chutes	Hoppers	Sleeves
End Blocks	Liners	Wear Pads
Gears	Machine Parts	Wear Strips

Fabrication Services

For complete machining instructions please contact our offices or see page 66 of this engineering data book.

Poly-Krome Selection Guide*

Natural	White Color
Reprocessed	Black or Green Color
Mine Plate	Blue Color
Anti-Static	Black Color
Rubber Backed	White Color
Oil Filled	Grey Color
UV Stabilized	Black Color
Ultra	Orange Color

Multi-purpose polyethylene, FDA and USDA approved
Economical benefit for non-food or pharmaceutical applications
Excellent wear resistance and dimensional stability
Electrically conductive to reduce static build
Allows the use of adhesive for means of fastening
To reduce the coefficient of frictions, FDA and USDA approved
Extended service life in outdoor applications
Superior wear resistant, dimensional stabile, and U.V. stabilized

* Certain physical properties may vary depending upon application requirements.

Shapes Available

Sheets	Plates	Rods
Squares	Tubing	Strips
Tape	Extrusions	Channels

Stock Sizes

10 Ft Random Lengths – Rounds, Squares & Flats
48" x 48" 48" x 120" 96" x 240"
48" x 96" 60" x 120" Custom Cuts Available