

Reg-slide UHMWPE Wear Liners

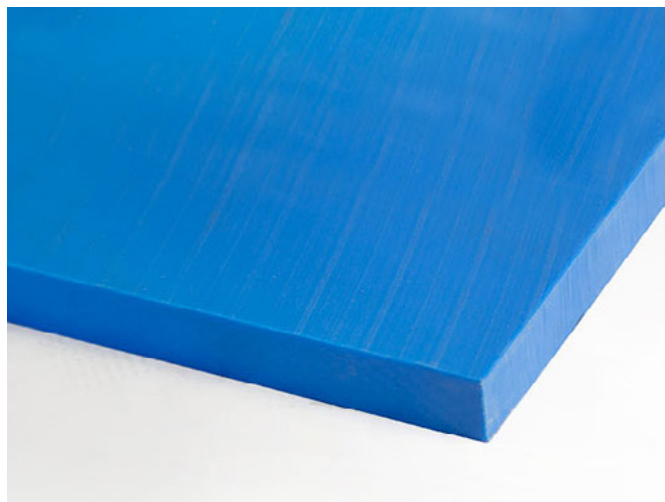
Reg-slide UHMWPE Wear Liners are a premium grade wear resistant, flow promoting polyethylene plastic liner.

FEATURES

Reg-slide UHMWPE Wear Liners are made from a premium Ultra High Molecular Weight Polyethylene plastic and will display good resistance to fine particle and sliding abrasion.

Reg-slide UHMWPE has a very low friction coefficient which results in excellent anti-stick properties which increases material flow and reduces the build-up of sticky materials.

Reg-slide UHMWPE is designed to be installed by mechanical fastening. It can be supplied as full sheets or cut liners as a custom engineered wear protection plastic lining system for your equipment.



TECHNICAL INFORMATION

| | | |
|---|-------------------------|--------------|
| Polymer | UHMWPE | |
| Colour | Blue | |
| Specific Gravity | 0.93 | ISO 1183 |
| Hardness | 61° Shore D | ISO 868 |
| Tensile Strength | 20 MPa (min) | ISO 527-1 |
| Breaking Strength | 40 MPa (min) | ISO 527-1 |
| Elongation @ Break | 350% | ISO 527-1 |
| Temperature Range | -20°C to +80°C | |
| Coefficient of friction (Dry vs Steel) Static | 0.15 | |
| Notches Impact Strength | 0.8mJ/mm ² | ISO 179 |
| Impact Strength with 15° V-Notch | >100 mJ/mm ² | ISO 179 |
| Thermal Conductivity | 0.41 W /m-k | DIN 52612 |
| Flammability | HB | UL94 |
| Insulation Resistance | >10 ¹⁴ Ω cm | DIN VDE 0303 |
| Surface Resistance | >10 ¹⁵ Ω | DIN VDE 0303 |
| Dielectric Strength | 45 kV/mm | DIN VDE 0303 |
| Arc Resistance | L4 Degree | VDE 0303 |

AVAILABLE SIZES

Reglin stock Reg-Slide UHMWPE Wear Liners in sheets in a range of standard thicknesses.

Reg-Slide UHMWPE Wear Liners can also be custom cut as per specifications and drawings and supplied with pre-drilled counter-bored holes to be fastened with UHMWPE Capped Bolts.

| PART NO. | DESCRIPTION | WEIGHT (EACH) |
|---------------|------------------------|---------------|
| REGSL010/3000 | 10mm x 1250mm x 3000mm | 35 kgs |
| REGSL012/3000 | 12mm x 1250mm x 3000mm | 45 kgs |
| REGSL020/3000 | 20mm x 1250mm x 3000mm | 76 kgs |
| REGSL025/3000 | 25mm x 1250mm x 3000mm | 95 kgs |