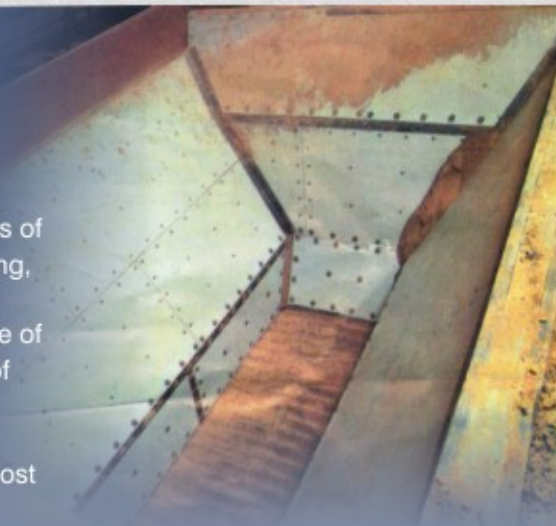


Excellent polymer for mining and material handling



POLYRIB-ULTRA is specially formulated polymer for bulk material handling in mining, conveying, storage and transportation. Typical problems of bulk material storage like arching, shaft formation, caking and irregular discharge is taken care of by POLYRIB-ULTRA because of its good sliding properties and excellent abrasion resistance it outwears stainless steel by almost 2:1 ratio.



Characteristics:

- Outstanding wear resistance
- Exceptional co-efficient of friction
- Excellent chemical resistance
- High impact resistance
- Anti-sticking/slipping surface
- No water or moisture absorption
- Self lubricating
- Wide operating temp. (-40°C to 85°C)
- Light weight for easy installation
- Promotes flow of bulk material compared to Stainless Steel, Carbon Steel etc.

Applications :

MINING

- Hopper Liners
- Chute liners
- Scrappers
- Reclaimer bucket liners
- Dry line bucket liners
- Front end loader bucket
- Shovel liners
- Bunkers

STORAGE, TRANSPORTATION AND CONVEYING

- Reclaim hoppers
- Truck dump hoppers
- Rail dump hoppers
- Vibratory feeders
- Hoppers
- Dozer blade liners
- Silos, bins, bunkers
- Slider beds
- Skirting
- Belt scrapers
- Cyclone



MATERIALS HANDLED

- Coal and Charcol
- Iron Ore, Lime Stone, Sinters
- Copper Concentrate
- Clay, Kaolin Clay, Gypsum
- Chemical Powders, Soda Ash
- Salt and Potash
- Silica Sand
- Soap Detergent
- Wood Chips, Dust
- Zinc Concentrate
- Phosphate
- Talc, Fly Ash
- Bauxite, Nickel Ore
- Foundry Sand
- Glass Batches
- Pesticides
- Grains



TECHNICAL DATA

Property	Test Method	Unit	Polyrib Ultra	Polyrib Ultra Super Slide	Polyrib Ultra 005
Density	ISO 1183	g/cm ³	0.93	0.93	0.94
Molecular Weight	-	Mil/mol	> 5	> 9	> 0.5
Tensile Strength	ISO 527-1	Mpa	≥ 17	≥ 17	≥ 20
Breaking Strength	ISO 527-1	Mpa	≥ 35	≥ 35	≥ 30
Elongation at Break	ISO 527-1	%	> 350	> 300	> 200
Modulus of elasticity	ISO 527-1	Mpa	720	680	1060
Impact Strength 15° V Notch	ISO 179	Kj/m2	≥210	≥130	≥25
Shore Hardness D 15 s	ISO 868		62	63	65
Wear Resistance by sand slurry method	Internal test method		100	70	250

Sheet Sizes :

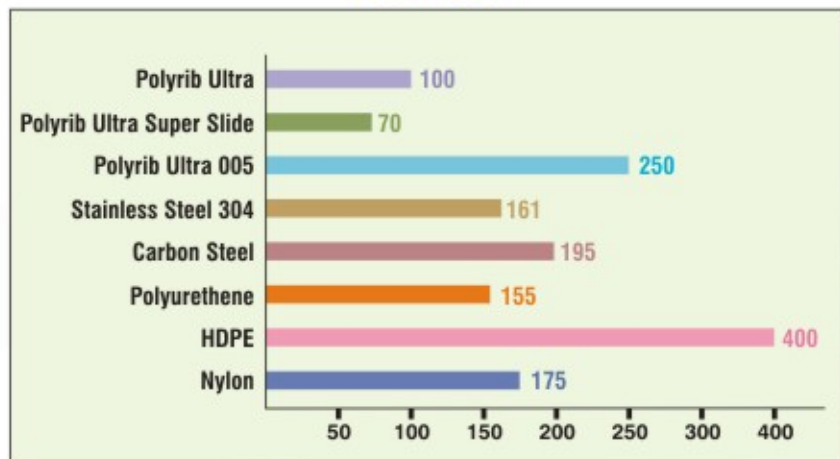
Width	Length	Thickness
1230	2150	20-75 mm
1230	1990	08-175 mm
1000	2000	06-50 mm
660	2520	20-100 mm

Rods :

Dia	: 10 mm to 200 mm
Standard Length	: 1 metre

Special length and colour available on request.

Wear Loss*



* Internal test method measured by sand-water slurry test taking **Polyrib Ultra** as = 100

For further details, please contact :

KHANNA POLYRIB PVT. LTD.

Corporate Office :

24/168, Birhana Road, P.B. No. 7,
Kanpur-208 001. INDIA
Tel. : +91-512-2310146, 2369353, 2351245
Fax : +91-512-2352058
e-mail : info@polyrib.com
kbk@sancharnet.in

Delhi Office :

A-107, DDA Complex, Okhla Indl. Area, Phase II,
New Delhi-110 020. INDIA
Tel. : +91-11-26384242, 4343
Fax : +91-11-65902819
e-mail : polyrib@rediffmail.com
www.polyrib.com

Branches :

Mumbai : +91-22-28762001
Kolkata : +91-9903386454

