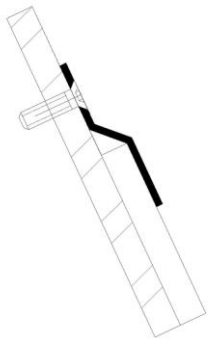
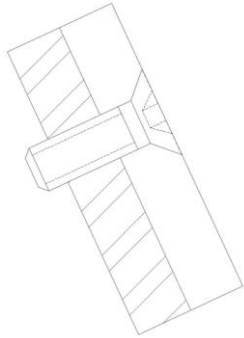


# Data sheet

# Densit<sup>®</sup> UHMWP

## - Slide Promoting Properties

Densit<sup>®</sup> UHMWP linings are characterized by good corrosion resistance, an excellent surface finish and low weight..



Clogging of outlets of large bunkers, e.g. for cement raw materials, fine coal or other easily sticking materials is a particularly annoying problem. The desired mass flow will be achieved with the aid of a slide promoting lining.

Sticking material accumulations and clogging will be avoided..



### Technical data

PROPERTY	Value	Scale
Specific Gravity, 73°F	.944	
Tensile Strength @ Yield, 73°F	3250	psi
Tensile Modulus of Elasticity, 73°F	155,900	psi
Tensile Elongation (at break), 73°F	330	%
Flexural Modulus of Elasticity	107,900	psi
Compressive Strength at 2% deformation	400	psi
Compressive Strength 10% Deformation	1200	psi
Deformation Under Load	6-8	%
Compressive Modulus of Elasticity, 73°F	69,650	psi
Hardness, Durometer (Shore "D" scale)	69	
Sand Wheel Wear/Abrasion Test	95	UHMW=100
Coefficient of Linear Thermal Expansion	11.0	in/in/°F x 10 <sup>-5</sup>
Melting Point (Crystalline Peak)	279-289	°F
Water Absorption, Immersion Saturation	Nil	%

**Densit** 