



PRODUCT DATA SHEET

Blackline 1000

Containment Lining

<u>Tested for</u>	<u>Value</u>	<u>Test Methods</u>
Raw Material	LDPE (Low Density Polyethylene)	
Density	0.929 gr/cm ³	DIN 53 479 D
Melt Index	0.9 gr/10min	ASTM D1238
Tensile Stress at Break		
Machine Direction	18.1 N/mm ²	ASTM D638
Transverse Direction	17.7 N/mm ²	ASTM D638
Elongation at Yield		
Machine Direction	147%	ASTM D638
Transverse Direction	118%	ASTM D638
Elongation at Break		
Machine Direction	540%	ASTM D638
Transverse Direction	610%	ASTM D638
Tensile Stress at Yield		
Machine Direction	8.9 N/mm ²	ASTM D638
Transverse Direction	7.8 N/mm ²	ASTM D638
Tear Resistance		
Transverse Direction	166 N/mm ²	DS/ISO 6383/1-85
Seam Strength	>=Stress at Yield	
Low Temperature	Brittleness temperature -30°C	ISO 974 - 1980
Friction Capability		
Static Dry Gravel	0.6	DIN-53 375 - 1986
Static Wet Gravel	0.68	DIN-53 375 - 1986
Dynamic	Static	DIN-53 375 - 1986
<u>Product Name</u>	<u>1000TFS</u>	
Thickness	1.0mm	
Tensile Strength (KN/m)	17.7	
Puncture Resistance	At	
Puncture (N)	At 360	
Penetration (N)	495	
Puncture Resistance (gr)	4600	