

TECHNICAL INFORMATION

QUICKSILVER® Premium Truck Liner Physical Properties

QuickSilver® high performance dump truck liners are designed to clean-out and clean-up of some of the toughest materials including hot asphalt in the very worst conditions. From winter freeze to summer heat, QuickSilver® truck liners release sticky materials, meaning faster load release, less equipment damage, reduced chance of tip-over, less wear on hoists, minimal clean-up and reduced downtime. On-road, off-road or heavy equipment, we've got a QuickSilver® liner for you. Quicksilver® will handle any temperature asphalt, which at the high end is usually 400°F.

Property	Method	Unit	Nominal Value*
Density	ASTM D-792	g/cm ³	0.93
Tensile strength at yield	ASTM D-638	psi	2711
Tensile modulus	ASTM D-638	psi	94,395
Elongation at yield	ASTM D-638	%	n/a
Elongation at break	ASTM D-638	%	201
Tensile impact	DIN 53448	ft-lbs/in ²	1048
Flexural modulus	ASTM D-790	psi	103,095
Flexural strength	ASTM D-790	psi	n/a
Izod impact	ASTM D-4020	ft-lbs/in ²	25
IZOD impact notched	ASTM D-2240	ft-lbs/in ²	n/a
Compressive modulus	ASTM D-695	psi	n/a
Compressive deformation	ASTM D-621	% at 1000 psi	6.0 - 8.0
Hardness	ASTM D-2240	Shore D	66
Static friction	ASTM D-1894	Unitless	0.14
Dynamic friction	ASTM D-1894	Unitless	0.1
Melting point	ASTM D-3417	°F	280
Coefficient of linear thermal expansion	ASTM D-696	°F-1	0.00011
Max. operating temp.		°F	180
Volume Resistivity	ASTM D-257	Ohm-cm	>10 ¹⁵
Surface Resistivity	ASTM D-257	Ohm	>10 ¹⁵
Water absorption 24hrs.	ASTM D-570	%	nil

*All values are determined on specimens prepared according to ASTM 1248-84 "Standard Specifications for Polyethylene Plastic Molding and Extrusion Materials". Nominal values should not be interpreted as specifications.

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