

### Size & Packaging

Rolls - 5' x 100' and 6' x 100'

PHYSICAL PROPERTIES	TEST METHOD	UNITS	TYPICAL RESULTS
Thickness	ASTM D 5199	mm (inch)	3.6 (0.14)
Mass/Unit area	ASTM D 5261	lbs/sf	0.12
Structure	Consistent Diamond		
Polymer	Polyethylene		
Color	Black		
UV Protection	Carbon Black		

MECHANICAL PROPERTIES	TEST METHOD	UNITS	TYPICAL RESULTS*
Limestone Drop Impact Test	ASTM G13 (modified)	Pass/Fail	Not tested
Puncture Strength	ASTM D 6241 (modified)	lbs	121.6
Tear Resistance	ASTM D 624	lbs/in	MD: 11.3      TD: 11.5
Compressive Strength	ASTM D 1621 (modified)	psi	25.8 @ 10% strain
Ball Burst Strength	ASTM D 3787	lbs	50.2
Abrasion Resistance	Custom	Pass/Fail	Not tested
Grab Tensile Strength	ASTM D 4632		127 lbs @ 42% elongation @ max load
			94 lbs @ 91% elongation @ max load
Low Temperature Brittleness	ASTM D 2136 modified -50C	Pass/Fail	Pass
Cathodic Protection	Custom	Pass/Fail	Pass - No inhibiting effect
Melt Temperatue	ASTM E 793 / E 794		257 F      125 C
Impact Strength	ASTM G14	in.lb	Not tested
Tensile Strength	ASTM D 4595	lbs	MD: 220.4      TD: 172.0
Tensile Break Elongation	ASTM D 4595	%	MD: 33.3      TD: 35.7

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All the above information is given in good faith, but the figures are typical values only and should not be taken as a guarantee of performance. Manufacturing tolerances for dimensional and technical characteristics apply and are available upon request. The company reserves the right to improve the product and adjust the specification without notice.