



Metal Shield

Physical Characteristics

PERFORMANCE	VALUE	METHOD
Thickness		
Metal Shield only (no liner)	150 micron (6 mil)	
Metal Shield with liner	225 micron (9 mil)	
Physical		
Tensile Strength	28,000 – 30,000 lbs/psi	ASTM D 882
Break Strength	190 lbs/inch width	ASTM D 882
Elongation at Break	>100%	ASTM D 882
Peel Strength	1,000 g/inch	ASTM D 3330
Puncture Strength	150 lbs	ASTM D 4830
Abrasion Resistance (a)	<5%	ASTM D 523 & ANSI Z26.1 Test 17
Chemical Resistance	Pass	ANSI Z26.1 Test 19
Acid Resistance	72 hrs. No damage	

(a) Abrasion Resistance: Film must have a surface coating that is resistant to abrasion such that, a gloss factor less than 5% at 20 degrees, 60 degrees, and 85 degrees per ANSI Z26.1 Test 17 and ASTM D 523.

Storage

Store in a dry, controlled environment. The temperature should not exceed 95° F (35° C) nor go below 50° F (10° C). The film should always be stored in the original packaging with the end plugs securely placed on the core.

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