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# PROTECT #18 MIL-PRF-121 Data Sheet

**Barrier Material: Waterproof, Greaseproof, Flexible, Heat-Sealable, Type 2**

**Structure description: 40# Natural Kraft Paper/PE**

## PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
<b>Tensile Strength MD XMD</b>	29.0 20.0	lbs. at break	ASTM D882
<b>Tear Strength MD SMD</b>	14 140.0 130.0	g	ASTM 689
<b>Burst</b>	45	psi	Mullen
<b>Seal Strength@ 520 F; 60psi; 3/4 sec</b>	4.0	lbs/in	ASTM D882
<b>Caliper</b>	~5.5	mils	
<b>Yield</b>	6,447	sq in/lb	

*Disclaimer:*

*The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability, or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.*