

MILITARY SPEC

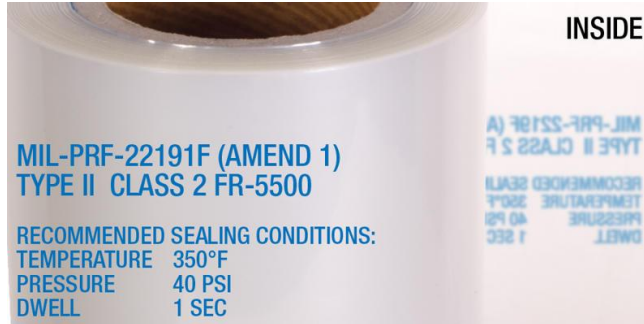
FILM DATA SHEET

FR 5500

Exterior
48ga PET
2.5mil LLDPE



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MIL SPECIFICATION
Film: MIL PRF 22191 T2
Pouch: MIL DTL 117 T2 CC S2

Physical Description:
Laminated PET/LLDPE

Application:
This clear mil spec film has moderate oxygen and moisture vapor transition rates. The Polyester layer makes this film non-extensible while the Poly layer enables it to be heat-sealable. The film does not stretch and tears nicely at the tear notch. The film has blue lettering on it denoting the manufacturer and military specification. This film is also available without the mil specification (clear – no lettering) for non-military applications

Converting:
Film is usually converted into sheeting, tubing, 2-seal pouches, and 3-seal pouches.

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper		mils	3.0
Yield		sq.In/Lb	9113
MVTR	Mocon	gms/100 ² in./24 hrs	.03
OTR	ATTM-11434-66	CC/100 ² in./24 hrs	9.0
Burst	Mullen	Psi	50
Tensile MD	ASTM D882	Lbs. at break	18
Tensile XMD	ASTM D882	Lbs. at break	17
Tear MD	ASTM 689	Lbs. at break	50
Tear XD	ASTM 689	Lbs. at break	50

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.