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VF 191C

MILITARY SPEC

Film Data Sheet

Physical Description:

Clear, high barrier lamination

MIL Specification:

Film MIL PRF 22191 T1 C2

Pouch: MIL DTL 117 T1 CE S2

Application:

This clear mil spec has a very good oxygen and moderate moisture vapor transition rates. It is used where high barrier is required from a clear film. The outer layer makes this film non-extensible while the sealant 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.

Converting:

It is usually converted sheeting, tubing, and 2-seal pouches and 3-seal pouches.

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper	ASTM D 2103	mils	6.0
Yield	Calculated	sq.in/Lb	4400
MVTR	Mocon	gms/100 ² in./24 hrs	0.03
COF	ASTM D 1894	Lbs.	<0.250
Puncture	MIL STD 301D/2065	Lbs.	>10
Seal Strength	ASTM F88	lbs./linner inches	>10
Contact Corrosivity	MIL STD 3010/3005		No Corrosion, etching, pitting