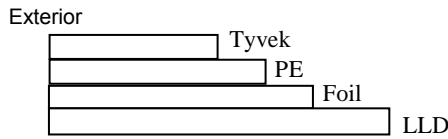


MILITARY SPEC

FILM DATA SHEET

CADPAK T



MIL SPECIFICATION

Film: MIL PRF 131 C1

Pouch: MIL DTL 117 T1 CE S1

Barrier Material: Water vapor proof, Greaseproof, Flexible, Heat-Sealable, Class 1

Application:

This Heavy Duty white film is one of the strongest mil spec films that Shannon carries. The Tyvek exterior layer provides the strength, the foil layer provides the barrier, and the Poly layer enables it to be heat-sealable. A typical application is for large bags that must carry a heavy load. The film does not stretch and is very strong.

Converting:

Big Valley Packaging Cadpak T Film is converted in many ways: 2-seal pouch, 3-seal pouch, stand up pouch and tubing.

Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole.

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper	ASTM D2103	mils	9.1
Yield	Calculated	ln ² /lb	4740
Puncture Resistance	MIL-STD-3010D	lbs	17
Breaking strength MD	MIL PRF 131K	lbs	71
Breaking strength TD	MIL PRF 131K	lbs	82
Tensile Strength MD	ASTM D882	PSI	5300
Tensile Strength TD	ASTM D882	PSI	5200
Elongation MD	ASTM D882	%	625
Elongation TD	ASTM D882	%	675
Tear Strength MD	ASTM D1922	Grams	4100
Tear Strength TD	ASTM D1922	Grams	>6,400
OTR	ASTM D3985	cc/100 ln ² /day@0%RH,23°C	.0005
MVTR	ASTM F1249	g/100 in ² /Day @ 90% RH 40° C	.0005
COF (Sealant to sealant)	ASTM D1894	Kinetic	<0.7
Seal strength	ASTM F88	Lbs/in	15

Suggested Sealing Conditions: 375°F, 40psi, 1.0 sec

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 Big Valley Packaging from our film supplier.