

WP-WHITE POLYESTER

Product Description:

THERML film SELECT is a UL/CSA-recognized, 2.0 mil gloss topcoated thermal transfer printable white polyester, coated with an aggressive, permanent solvent-based acrylic adhesive, and backed with a roll form release liner.

- THERMLfilm PM-200-W..... 2.0 mil white polyester designed for high-performance label applications.
- T/C-390.....topcoat resists smudging and abrasion when printed with super premium (resin) and premium (wax/resin) thermal transfer ribbons. Offers static dissipating properties and is fan-foldable.
 - L-344.....aggressive, high-performance permanent solvent-based acrylic adhesive.
 - S50K-8.....50 lb. bleached release liner.

Applications:

Industrial: UL/CSA rating plates and nameplates, materials tracking
 Automotive: Under the hood labels/parts identification
 Healthcare: Pharmaceutical, diagnostic, and laboratory specimen tracking

Features:

- Static dissipating properties reduce print voids due to static generated at the print head
- Ideal for fan-foldable applications
- Compatible with color and black super premium (resin) and premium (wax/resin) thermal transfer ribbons
- Printable with a wide range of conventional solvent and water-based inks
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of surfaces
- Superior print quality to print-treated polyesters
- Liner is suitable for label sensing equipment with most thermal transfer printers
- UL-recognized as part of a thermal transfer printing system which includes a ribbon and THERMALfilm.
- thermal transfer printable films are recognized with UL Laboratories under 969 standard for Marking and Labeling Systems, file number MH 16635(N) and are listed in the recognized component directory under Section PGJ12, Component-Printing Materials
- This product with specific thermal transfer ribbons(s) and printer(s) is a CSA recognized Electronic Printing Technology under CSA standard C22.2 No.0.15-95.
- Available in Quick-ship

Physical properties:

gauge [mils (microns)]
 Film: 2.0 (51) +/- 10%
 Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3)
 Liner: 3.1 (79) +/- 10%

Dimensional stability:

excellent: No measurable shrinkage observed on applied parts. Sample applied to aluminum for 24 hours at 160°F.

Chemical resistance:

(non-printed stock)
 household cleaners:
 mild acid:
 oil:
 water:

No effect on topcoat or adhesive
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Over laminates are available to protect label graphics that are exposed to harsh environments.

Adhesive performance:

72 Hour Peel Adhesion from:

	Expected Range	
	Oz/in	(N/m)
Stainless steel	50-85	(550-935)
Acrylic	55-90	(605-990)
Glass	55-90	(605-990)
Polypropylene	35-65	(385-715)

Expected shear (hours):

50

Temperatures:

Service Temp. Range: -40°F to 302°F (-40°C to 150°C)
 Min. Application Temp: 50°F (10°C)

Exterior durability:

two years

Minimum application temperature:

50°F (10°)

Storage stability:

shelf life of two years when stored under conditions of 70°F (21°C) and 50% relative humidity.