

TESLIN[®] General-Purpose Label Stock

Teslin SP700 Substrate with TPAT Adhesive Technical Data

TPAT is a proprietary tackified acrylic with excellent adhesion and shear properties. The unique formulation and manufacturing process provides high initial adhesive performance without the typical converting and cold flow issues that are generally associated with tackified acrylic adhesives.

Application Features

Our *Teslin* General-Purpose Permanent label should be considered for difficult to adhere to surfaces and machine applied labels requiring quick-stick properties.

Peel Data - oz/in*

Aluminum - 30 min @73°F:	39 CF
Aluminum - 24 hr @73°F:	41 CF
Aluminum - 1 wk @73°F:	44 CF
Aluminum - 14 Days @100°F/100% + 24 hr recovery	42 CF
Aluminum - 14 Days @ -25°C	42 CF

Application Data

Application Temperature	20°F (-7°C) min.
Time for Ultimate Adhesion	24 hours
Service Temperature	-30°F - 250°F (-1°C - 121°C)
Shelf Life	1 Year

Storage Recommendations

To maximize product longevity, store out of direct sunlight at 70°F and less than 60% humidity.

- *1. AF = Adhesive Failure, CF = Cohesive Failure, AT = Adhesive Transfer
- 2. Based on application of *Teslin* SP700 label to 325 grit sanded aluminum surface
- 3. Based on label application and ultimate cohesion at 73°F (23°C).
- 4. Peel data based on 180° Peel Test at 11.8 in/min peel rate

As with all pressure sensitive materials, this product should be tested thoroughly under actual end-use conditions to ensure it meets the requirements of the specific application.

Values on this page are nominal - subject to normal industry variance.