



SUN PROCESS Product Information Data

SU-PRO® TA1376PR UNSUPPORTED PERMANENT/REMOVABLE ACRYLIC TRANSFER ADHESIVE

*Thickness \pm 10%, including adhesive
The following characteristics are on typical laboratory data:*

DESCRIPTION: TA1376PR is a medium firm unsupported permanent/removable acrylic pressure sensitive transfer adhesive. This transfer adhesive has been developed for bonding to many flexible vinyls to resist the effects of plasticizer migration of flexible vinyl films. When removed, it will remove without leaving an adhesive residue when applied properly.

THICKNESS: 3 mil adhesive thickness.

LINER: A 76 lb. PFW bleached differential release liner.

PEEL ADHESION: (PSTC-101)* 180° peel values.

Dwell Time

Initial:	35 oz./inch width
24 Hours:	55 oz./inch width
Ultimate:	60 oz./inch width

** Data reflects averages and is not to be used for specification purposes.*

SHEAR: (PSTC-107)* Shear (hold) to 250 minutes at 70°F (21°C). No Failure.

TYPICAL PHYSICAL PROPERTIES: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Short Term Temperature:

Operating Range (minutes, hours)	200°F (94°C)
Long Term (days, weeks)	160°F (74°C)

UV Resistance: Good, Excellent

Available Length:

Min:	60 yards
Max:	360 yards

Available Widths:

Min:	1"
Max:	54"

Core Size: 3" I.D.

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**APPLICATION
TECHNIQUES:**

Bond strength is dependent on the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.

To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified.

Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

**GENERAL
INFORMATION:**

Note: Vinyl formulations differ and plasticizer types and amounts can vary. The most common types of plasticized vinyl contain low molecular weight materials (plasticizers) which tend to migrate out of the vinyl. In the case of adhesive bonding, these plasticizers migrate into the adhesive which can cause softening of the adhesive and loss of bond strength over time.

The possible effect of plasticizer migration on an adhesive bond can be predicted by accelerated aging for 5 days at elevated temperature (150°F [65°C]). **Note:** Due to the variability of vinyl formulations, we strongly recommend that the user test each vinyl substrate to determine suitability of the tape for the particular application.

Natural and synthetic rubber materials such as neoprene and EPDM are also formulated with fillers and plasticizers. Sun Process Adhesive Transfer Tape TA1376PR does not resist the effects of these particular fillers and plasticizers and **is not** recommended for use in bonding these materials.

STORAGE:

Store in original cartons at 70°F (21°C) and 50% relative humidity.

SHELF LIFE:

When stored under proper conditions, product retains its performance and properties for two years from date of manufacture.

TECHNICAL INFORMATION

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Sun Process believes are reliable, but the accuracy or completeness of such information is not guaranteed. They do not relieve the purchaser from the responsibility of examining the products upon delivery or provide assurance of the products suitability for a particular purpose.

Suitability for any given application is the sole responsibility of the user.

ISO 9001:2015

This Sun Process product was manufactured under our quality system registered to ISO 9001:2015 standards

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