



## PU-1023

### POLYURETHANE FILM TAPE

#### APPLICATIONS

A clear smooth specially formulated thermoplastic polyurethane (TPU) film laminated with an aggressive rubber pressure-sensitive adhesive (PSA) system. Designed for a wide variety of applications for abrasion resistance and reinforcement where an elastic film with dimensional retention is required. Ideal for automotive interiors and aftermarket products.

#### FEATURES/BENEFITS

- High tensile strength polyurethane film with excellent cut and tear resistance.
- Hypoallergenic and completely safe to the skin.
- High tack rubber-based pressure sensitive adhesive with excellent shear strength properties.
- Bonds to open and closed cell foams, felts and to textiles and textured surfaces.
- Non-shrinking – excellent dimensional retention and stretch and recover properties.

#### TECHNICAL DATA

Film Backing	:	Thermoplastic Polyurethane (TPU)	
Thickness	:	4 mil	
Durometer	:	Shore 78A	D-2240
Color/Finish	:	Clear - Smooth	
Tensile Strength	:	5300 psi / 36.50 Mpa	D-412
Elongation @ Break	:	700%	D-412
Laminating Adhesive	:	Rubber	
Adhesive Thickness	:	2.6 mil	
Total Thickness	:	6.6 mil w/o release liner	
Release Liner	:	80 lb White SCK Paper	
Peel Adhesion	:	128 oz/inch of width	PSTC-101 A
Temperature Range	:	-0°F to 160°F / -18°C to 71°C	

Note: The above are typical values obtained from tests recommended by the PSTC, ASTM, or government agencies and should not be used in writing specifications. The product should be thoroughly evaluated by the user under actual conditions with intended substrates to determine if the product is suitable for the application.