

**UNIFILM® TD200/TD500**  
*Unsupported Pressure Sensitive Adhesive Films*

**Unifilm TD200 and TD500** are acrylic transfer tapes for use in the TD-1 tape dispenser, or compatible tape application guns. This system provides smooth laydown of adhesive film and automatically rewinds the tape's liner inside the dispenser as the tape is applied.

*TD200/TD500 Product Features:*

- \* Mounted on cores designed especially for use in Tape Dispensers
- \* Tape dispenser system allows for quick, clean and easy application
- \* Fast build up of adhesion, very high quick stick
- \* Excellent holding power at elevated temperatures
- \* Bonds to a wide variety of surfaces, including paper, most plastics films, and metal foils.
- \* TD500's high coat weight provides excellent gap filling properties for use on rough surfaces

*Typical End Uses:*

- \* Variety of Artists' mounting applications
- \* Picture framing
- \* Photo mounting
- \* Product assembly
- \* Report covers
- \* Packaging, design prototypes

*Application to Primary Surface:*

*Unwind adhesive film or tape and apply the adhesive side to the mounting surface. Apply firm pressure. Recommended application temperature to achieve best results is 65°F(18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F(18°C) or above.*

*Application to Secondary Surface:*

*Peel off the protective release liner and apply the adhesive side to the desired surface. Apply firm pressure. Recommended application temperature to achieve best results is 65°F(18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F(18°C) or above.*

*NOTE: When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.*

*NOTE: Shelf life is one year from date of shipment, when stored in a cool dry place below 76°F(24°C). Rolls should be stored on end.*

Over -->

*Unifilm is a registered trademark of Scapa Tapes North America.*

**Typical Performance Values  
(Not for Specification Purposes)**

	<b>TD200</b>	<b>TD500</b>
<b>Adhesive Thickness</b> (mils)	2 mils (.051mm)	5 mils (.127mm)
<b>Release Liner Thickness</b> (50# brown kraft)	<----- 3.2 mils (.0035"/.089mm) ----->	
<b>Adhesive Color</b>	<----- Water Clear ----->	
<b>Available Widths</b>	<---- ½" (.0127mm) and ¾" (.0191mm) on 1" core ---->	
<b>Shelf Life</b>	<----- One year from ship date ----->	

**ADHESIVE TEST DATA**

	<u>Oz./Inch</u>	<u>(N/25mm)</u>	<u>Oz./Inch</u>	<u>(N/25mm)</u>
<b>Peel Adhesion</b> (PSTC 1 Mod./180°) <sup>1</sup> To Stainless Steel:				
20 min. @ RT: - Initial:	60	(16.4)	144.0	(39.4)
1 wk. @ 158°F (70°C)" -Ultimate:	160	(43.8)	195.2	(53.4)
<b>Holding Power</b> (PSTC 7 Mod./178°) <sup>1</sup> 4.4 psi (½ x 1 x 1000g) @ RT:	> 50 hrs.		> 50 hrs.	
<b>Heat Resistance</b> (PSTC 7 Mod./178°) <sup>1</sup> 1.1 psi (1 x 1 x 500g @ 158°F (70°C):	> 200 hrs.		> 100 hrs.	
<b>Service Temperature Range</b> <sup>2</sup>	(-45°C to 121°C)		(-45°C to 121°C)	

<sup>1</sup> Adhesive film laminated to 4 mil (.10mm) dead soft Aluminum Foil (Alloy 1145).

<sup>2</sup> After application @ RT