



Aerospace



Automotive



Marine



Electronics



Truck & Trailer



Construction

SilverTape® 5341 & 5345 - Coated Direct

The 5341 & 5345 tapes are designed for bonding materials with medium and high surface energy (Examples: glass, aluminum, ceramics, and various plastics – rigid PVC, ABS, nickel coated ABS, and polycarbonate). The 53 series has a high cohesion (high internal strength). They have excellent adhesion to many plastics such as soft PVC and polycarbonates.

- High impact resistance even at temperatures below 32°F (0°C)
- High initial tack and good plasticizer resistance
- Closed cell structure is wind and water resistant
- Resistant to UV, aging, softening agents, and solvents
- Forms an almost indestructible bond
- Designed to absorb dynamic loads
- May act as a sealant and forms a permanent tension free bond
- Suitable to bond many synthetic materials

STRUCTURE	5341	5345
Adhesive	High Performance Acrylic	High Performance Acrylic
Adhesive Carrier	Conformable Closed Cell Acrylic Foam	Conformable Closed Cell Acrylic Foam
Coating: Liner Side	Coating 40	Coating 40
Coating: Open Side	Coating 40	Coating 40
Thickness	0.045 in	0.045 in
Tolerance	± 0.004 in	± 0.004 in
Density	52 lb/ft ³	52 lb/ft ³
Tape Color	Gray	White
Liner	Red PE Film	Red PE Film
PERFORMANCE		
Peel Adhesion (ASTM D 3330)	23 lb/in	23 lb/in
Normal Tensile (ASTM 897)	85 lb/in ²	85 lb/in ²
Dynamic Shear	85 lb/in ²	85 lb/in ²
Overl[(ASTM 1002)	86 lb/in ²	86 lb/in ²
Static Shear (ASTM 3654)	77 lb/in ²	77 lb/in ²
Solvent Resistance	Excellent	Excellent
UV Resistance	Excellent	Excellent
TEMPERATURE RESISTANCE		
Long Term:	212°F	212°F
Short Term:	320°F	320°F

SilverTape® High Performance Industrial Tapes

The SilverTape® products are double-sided high performance acrylic based adhesive tapes, which are designed for a wide variety of materials with varying levels of surface energy. These superior high bond industrial strength tapes provide long-term holding power and are suited for both interior or exterior applications. They are the perfect products to replace mechanical fasteners like rivets, screws, spot welds, and liquid adhesives.

SilverTape® Substrate Guide																							
Substrates	Glass	Wood ⁴	MDF ⁴	Concrete ⁴	Stone ⁴	Raw Aluminum ¹	Anodized Aluminum	Powder-coated Aluminum	Steel	Stainless Steel ²	Galvanized Steel	Powder-coated Steel	ABS	PVC	PMMA	PC ³	PE	PP	PP/EPDM	TPE	Ceramic Coatings	Silicone Coatings	
Glass	5011	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5011	6411	5011	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Wood ⁴	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	6411	5341 5345	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
MDF ⁴	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	6411	5341 5345	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Concrete ⁴	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	6411	5341 5345	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Stone ⁴	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	6411	5341 5345	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Raw Aluminum ¹	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	6411	5341 5345	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Anodized Aluminum	5011	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5011	6411	5011	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Powder-coated Aluminum	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Steel	5011	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5011	6411	5011	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
Stainless Steel ²																							
Galvanized Steel																							
Powder-coated Steel	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411							
ABS	5341	5341	5341	5341	5341	5341	5341	5341	5341	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
PVC	5345	5345	5345	5345	5345	5345	5345	5345	5345														
PMMA																							
PC ³	5108 5305 5310	5108 5305 5310	5108 5305 5310	5108 5305 5310	5108 5305 5310	5108 5305 5310	5108 5305 5310	5108 5305 5310	5108 5305 5310	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411	6411							
PE																							
PP																							
PP/EPDM	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411							
TPE																							
Ceramic Coatings	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411							
Silicone Coatings																							

SilverTape® is a registered trademark of AFTC.

- Direct Foam
- Coating 40
- Coating 60

All surfaces should be clean, dry, and free of grease or oil before applying tape.

¹ Raw aluminum should be cleaned, sanded, and cleaned again to ensure good adhesion

² Stainless steel should be cleaned with Acetone, MEK, or Heptan before applying

³ The 5108, 5305 and 5310 are used for aesthetics purposes. The 5341 and 5345 will provide better adhesion

⁴ For these materials, due to their open cell structure, the use of a primer is a necessity

SilverTape®