



Aerospace



Automotive



Marine



Electronics



Truck & Trailer



Construction

SilverTape® - 5305 & 5310 - Direct Foam - Transparent

The 5305 & 5310 tapes are designed for the bonding of materials with medium and high surface energy (Examples: glass and transparent plastics) where high transparency is desired. The 53 series is capable of absorbing the differing thermal expansion rates of two materials and has high impact resistance even at temperatures below 32°F (0° C).

- Vibration dampening and resistant to wind and water
- Resistant to UV, aging, plasticizers, yellowing, and solvents
- May act as a sealant and forms a permanent tension free bond
- Suitable to bond many synthetic materials

STRUCTURE	5305	5310
Adhesive	High Performance Acrylic	High Performance Acrylic
Adhesive Carrier	Conformable Closed Cell Acrylic Foam	Conformable Closed Cell Acrylic Foam
Coating: Liner Side	Clear (Direct Foam)	Clear (Direct Foam)
Coating: Open Side	Clear (Direct Foam)	Clear (Direct Foam)
Thickness	0.02 in	0.04 in
Tolerance	± 0.004 in	± 0.004 in
Density	56 lb/ft ³	56 lb/ft ³
Tape Color	Transparent	Transparent
Liner	Red PE Film	Red PE Film
PERFORMANCE		
Peel Adhesion (ASTM D 3330)	17 lb/in	18 lb/in
Normal Tensile (ASTM 897)	99 lb/in ²	85 lb/in ²
Dynamic Shear	88 lb/in ²	75 lb/in ²
Static Shear (ASTM 3654)	78 lb/in ²	64 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								
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								
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								
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								
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								
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								
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								
Powder-coated Aluminum	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	5341 5345	5108 5305 5310	5341 5345	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								
Stainless Steel ²	5011	5341 5345	5341 5345	5341 5345	5341 5345	5341 5345	5011	6411	5011	6411	5341 5345	5108 5305 5310	5341 5345	6411	6411								
Galvanized 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								
Powder-coated Steel	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	5108 5305 5310	5341	6411	6411								
PVC	5345	5345	5345	5345	5345	5345	5345	5345	5345	6411	5345	5108 5305 5310	5345	6411	6411								
PMMA	5345	5345	5345	5345	5345	5345	5345	5345	5345	6411	5345	5108 5305 5310	5345	6411	6411								
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								
PE	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411								
PP	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411								
PP/EPDM	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411								
TPE	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411								
Ceramic Coatings	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411								
Silicone Coatings	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411	6411								

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®