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High Temperature Aluminum Glass Cloth Tape TC955

General Description

TC955 is a high performance heat reflective aluminum backed glass cloth, single coated with a high temperature silicone adhesive.

Applications

- Wire harness applications requiring high temperature resistance
- Protective electrical wire harness wrapping 250C T6 temperature class
- Battery Cable and fluid line protection

Product Benefits

- Withstands extreme temperatures up to 500°F (250°C)
- SAE J2302 Thermal Effectiveness at 550C is 170C
- Hand tear able
- High tensile strength
- Non-flammable
- Meets the requirements of Delphi specification M2283
- Meets the requirements of Chrysler specification MSNA1-7
- Meets the requirements of Ford specification ESXU5T1A303-AA type D01 (150C)

Technical Data

TECHNICAL PROPERTIES	
Total Thickness (Not including liner)	6.8 mil (0.170 mm)
Adhesive Thickness (silicone)	2.3 mil (0.058 mm)
Carrier Thickness (cloth)	4.5 mil (0.114 mm)
Color	Silver

ADHESIVE TEST DATA	
Peel Adhesion (ASTM D-3330)	35 oz./inch (9.56 N/25mm)
Backing Adhesion (ASTM D-3330)	35 oz./inch (286 N/100mm)
Tensile Strength (ASTM D-3759)	100 lbs./in
Elongation (ASTM D-3759)	4% Typical Value



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Recommendations

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 or above. Proper bonding may not occur unless both the adhesive and surface the material are at 65°F or above.

NOTE:

- 1. 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.*
- 2. 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.*
- 3. The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.*