

3M Application Profile: Reinforcing



Reinforced tapes are typically attached under a cooktop's glass surface, either around the perimeter or over the entire surface, to keep glass in place should it ever shatter.

Application Description:

Tape is permanently attached to surfaces to help improve strength and integrity.

Application Benefit:

- Provides additional assurance that product will maintain performance, extending the overall life of end product

Key Application Requirements:

- Aggressively adheres to a variety of surfaces (plastics, metals, etc) as well as to its own backside for overwrapping
- Higher tensile strength backings make it difficult to break and/or tear for long term use



Tapes such as High Temperature Aluminum Foil/Glass Cloth tape 363, can be used to reinforce lightweight plastic parts on automotive trim, bumpers and skirts where cracks may form.

Engineered Industrial Tapes

For Aerospace, Appliance,
Automotive & General Industrial

Tape Benefits:

- **Conformability:** Ability to curve around complex shapes, geometries and non-uniform surfaces, reaching difficult areas
- **Thin caliper:** Low-profile solution takes less space in final product
- **Lightweight:** Solution adds minimal weight to overall product
- **Long lasting:** High tensile strength backings with aggressive adhesives maintain strong bond and help improve part integrity, minimizing the risk of damage or failure over the part(s) lifetime
- **Easy to apply/Immediate use:** Apply manually, with applicator or automated equipment

Products	
Filament Tape 8934	
Tartan™ Filament Tape 8934	
Scotch® Filament Tape 890MSR	
Glass Cloth Tape 361	
High Temperature Aluminum Foil/Glass Cloth Tape 363	
Suggested Applications	
Appliance	Cooktop
Automotive	Catalytic converter, trim, bumpers, skirts
General Industrial	Sports helmets, bicycle tires
Telecommunications	Cable reinforcement



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