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Patent Status

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Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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SilGrip*

Pressure Sensitive Adhesive (PSA)

Selector Guide for Tapes

SilGrip

PSA Grade Selector Guide for Tapes

SilGrip

PSA Grade Selector Guide

High Shear/Standard Splicing Tape

PSA590LD and PSA810
Polyester and Polyimide films

Key Features:

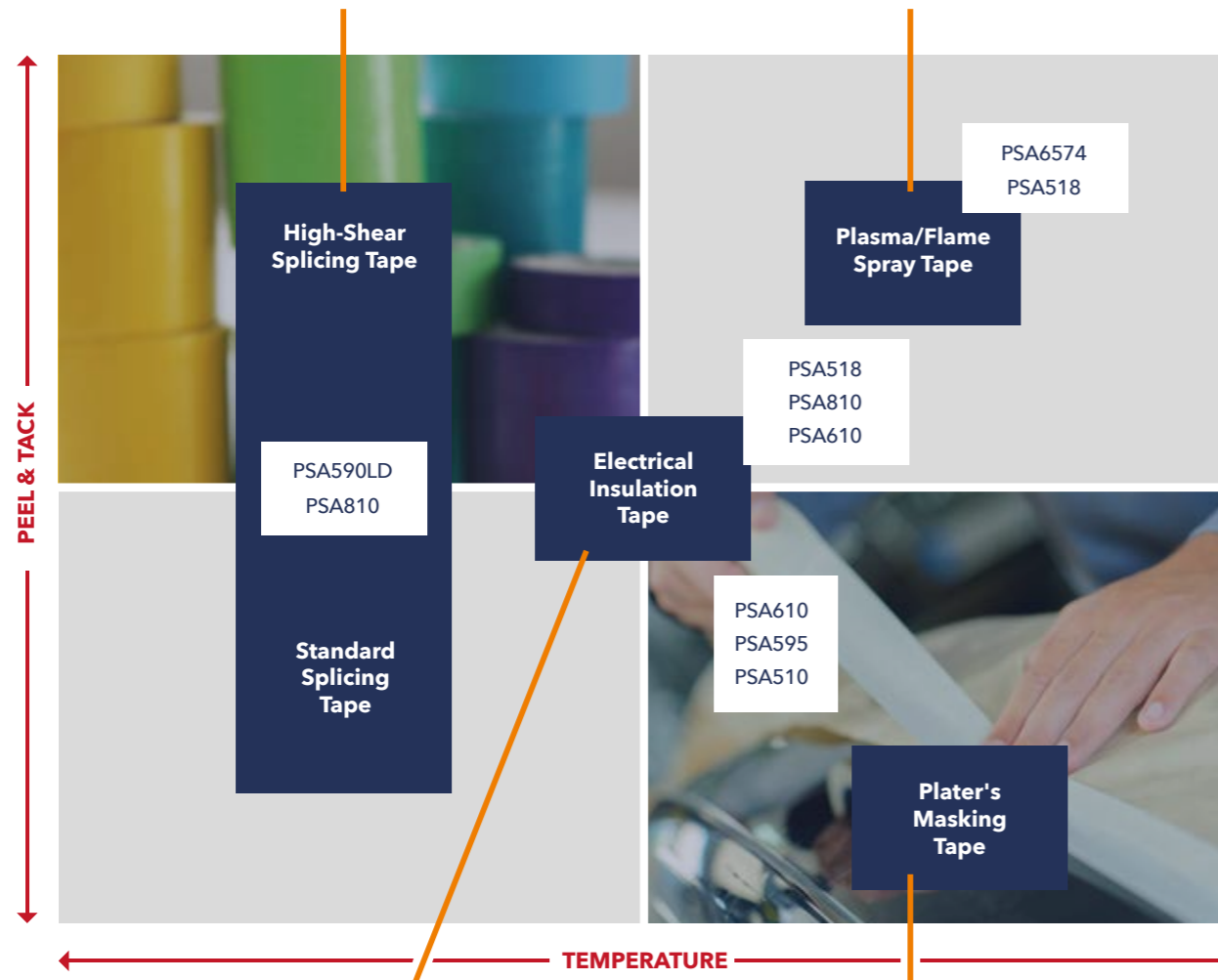
- Good adhesion to a variety of surfaces
- High temperature shear resistance
- 180 °C long term, >300 °C short term

Plasma/Flame Spray Tape

PSA518 and PSA6574
Silicone Rubber, Glass Cloth, PTFE, Foil

Key Features:

- Extreme temperature resistance
- Clean removal
- Retention of properties vs Temperature exposure



Electrical Insulation Tape

PSA518, PSA610, PSA595, PSA810
Polyimide, Glass Cloth, PTFE

Key Features:

- Excellent electrical properties, high dielectric strength
- High temperature insulation (180 °C insulation class, 330 °C short duration)
- Low out-gassing, non-corrosive

Plater's Masking Tape

PSA595, PSA610, PSA510 and PSA810
Polyimide, Polyester, PTFE

Key Features:

- Conformable to irregular surfaces
- No "lifting" at elevated temperatures
- Clean removal
- No residue left after delamination with PSA810
- Resistant to solder heat, gold plating, hot air leveling.

Additives

SR545:
MQ resin used to increase peel and cohesion

SRC18:
Catalyst for mica and laminating processes

SS4191 and SS4195 :
Primers for optimal anchorage on filmic liners

Mica Tapes & Sheets

PSA590LD:
Optimized condensed SiPSA to consider for flexible mica tapes

PSA590 LD:
Low dust PSA for cleaner process ability and low viscous material for better impregnation



Laminating adhesives

PSA6573A:
Tack free when cured with SRC18 under heat - Thermo-sealing tapes for mechanical fasteners

PSA529:
Low viscosity adhesive providing low tack when cured with SRC18 at room temperature.

Heat Seal - PTFE Glass Fabrics

PSA518:
Ultimate grade for high temp. performance

PSA810:
High temperature shear strength methyl PSA

PSA595:
General propose for "first quality" PTFE glass fabrics