



### 3M<sup>™</sup> 100MP High Performance Acrylic Adhesive

- Designed for use with medium and high surface energy materials like metals, polyimides and polycarbonate
- Performs when exposed to high heat, cold and cyclic conditions
- ► Short-term temperature tolerance up to 500°F (260°C), operating temperature tolerance up to 300°F (149°C)
- ► Thin profile combined with high-strength adhesive for a long-lasting bond
- Durable adhesive is chemical, UV and solvent resistant

3M™ 100MP High Performance Acrylic Adhesive

High-Temperature Performance for Health Care



### Takes the heat.

Formulated to stand up to the most demanding and critical applications, 3M™ 100MP High Performance Acrylic Adhesive offers reliable performance not only at high temperatures (500°F/260°C), but extremely cold and variable temperatures as well.



Bond metal to metal

**Durability for Specialty Vehicles** 



# Designed for the toughest conditions.

Extreme durability means it holds up through wind, rain, sand, abrasion, heat, cold and more. Go ahead — design for the world's most challenging environments with 3M™ 100MP High Performance Acrylic Adhesive.



Bond metal decals to mufflers

#### Shear Strength for Automotive



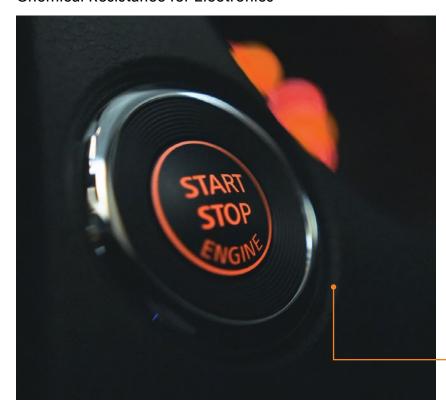
## It has staying power.

Exceptional shear strength. High peel strength. When you need much higher adhesion strength than typical pressuresensitive adhesive systems, 3M™ 100MP High Performance Acrylic Adhesive delivers.



Bond metal to metal

**Chemical Resistance for Electronics** 



### Stands up to stress.

Strong enough to handle chemicals, solvents and UV radiation, 3M™ 100MP High Performance Acrylic Adhesive is ideal for use in many indoor and outdoor industrial applications.



Bond polyimide to aluminum

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# Durable adhesives for demanding applications.

When there's a lot on the line, trust 3M<sup>™</sup> 100MP High Performance Acrylic Adhesive — ideal for use in highly regulated industries such as automotive, aerospace, medical and electronics.

#### Featured applications include:

- Aerospace scuff strips, de-icing boots, lightning protection systems
- ► Air bag inflator burst discs
- Disc brake shims
- High-temperature/high-pressure autoclaves
- ► Engine and transmission control modules
- ► LED taillights
- Metal bonding/cladding
- ► Kickplates
- ► High-temperature graphics/labels
- Nameplates

Bond stainless steel to aluminum

### Put it to the test.

Each product in our full portfolio of high-temperature laminating adhesives combines different characteristics for specific end use and processing requirements.

#### 3M™ 100MP High Performance Acrylic Adhesive

Adhesive Family	Product	Liner	Tape Type	Tape Thickness	Applications	Temp Range (F)
	F9460PC	58# PCK	ATT	2 mils	Flex circuit rigidizing and high-temp labels	500°
100MP	F9469PC	58# PCK	ATT	5 mils	Brake shim and heat sink attachment	
	F9473PC	58# PCK	ATT	10 mils	Metal cladding and trim, panel- to-frame attachment	

#### Other 3M™ High Temperature Laminating Adhesive Families

Adhesive Family	Product	Liner	Tape Type	Tape Thickness	Applications	Temp Range (F)
100	966	62# DK	ATT	2 mils	Meets NASA's definition of Low Outgassing material for use in spacecraft	450°
100HT	9077	Hi Temp 55# DK	DCTT	2 mils	Lead-free solder reflow - liner and adhesive	550°



### 3M <sup>™</sup> 100MP High Performance Acrylic Adhesive

A pressure-sensitive adhesive built for critical environments.

Learn more at 3M.com/thinbonding.



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Rapid Die-Cut

Contact us today for a quote! (586) 948-8820 customerservice@rapididecut.com www.rapiddiecut.com

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