

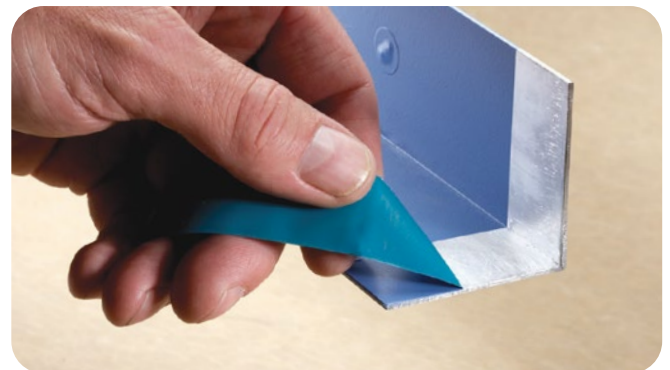
# 3M Application Profile: Powdercoating



3M™ Polyester Tape 8992 is used to mask off areas from paint during the powder coating process.

## Application Description:

Dry powder is sprayed through an applicator that applies an electrostatic charge to the powder particles, which are attracted to a grounded metalized surface. The powder covered part is then cured at a temperature of 400°F/204°C or greater for a typical bake cycle of 5–30 minutes. The powder coating chemically reacts at elevated temperatures, resulting in a highly cross-linked durable coating.



After the powder coat bake cycle, 3M™ Polyester Tape 8992 removes cleanly in one piece.

## Application Benefits:

- Powder coating increases the durability and abrasion resistance of the part
- Protects parts from corrosion and provides a visually aesthetic appearance

## Key Application Requirements:

- Must withstand elevated temperatures, provide a crisp paint line with no edge bleed, and remove cleanly after use
- Colored for easy identification and lined for die-cut ability to create on-demand stickers

# Engineered Industrial Tapes

For Automotive, General Industrial  
and Specialty Vehicle

## Tape Benefits:

- **Fast, clean removal:** Reduces time required to remove and/or clean surface after use
- **One piece removal:** Less time or challenge to remove from a surface, with fewest pieces
- **Minimum rework:** Protection of parts means less rework and labor required to improve or repair surface
- **Line definition:** Tapes can provide distinct, straight lines for aesthetics
- **Easy to apply:** Simply apply manually or with tabletop dispenser
- **Customizable (Lined product):** Able to quickly and easily create shapes or sizes that are part specific

Products	
3M™ Polyester Tape 8992/8992L	
3M™ Polyimide Tape 8998/8998L	
3M™ Polyimide Tape 8997/8997L	
3M™ Polyester Tape 8991/8991L	
3M™ Polyester Tape 876	
Additional Applications	
Automotive	Brake parts
General Industrial	Patio furniture, stair railings, fire extinguishers, air conditioner parts, cookware
Specialty Vehicle	Bus parts, farming equipment



### Industrial Adhesives and Tapes Division

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