



# Technical Data Sheet

## 3M™ High Temperature Paint Masking Film 7302



[Product Details](#)



[Regulatory Info/SDS](#)

### **Product Description**

3M™ High Temperature Paint Masking Film 7302 is a high performance, high temperature wide area masking film that is designed to not scratch or damage surfaces and is flexible for good drape and conformability.

### **Product Features**

- 3M™ High Temperature Paint Masking Film 7302 is ideal for protecting against bleed-through of solvents and paints.
- Available as roll goods, perforated sheets on a roll, or preformed bags on a roll.
- Conformable film with good drape properties.
- Eliminates flying fiber contamination normally associated with fibrous paper wide area masking products.
- Treated backing for good paint adhesion.
- Many 3M masking tapes have excellent adhesion to 3M™ High Temperature Paint Masking Film 7302.
- Masking tape and film can be dispensed together using existing 3M apron tapers.
- Temperature Resistance of 160C up to 45 minutes.
- Smooth film that helps prevent scratching and damage to underlying substrates.

### **Technical Information Note**

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

### **Typical Physical Properties**

Attribute Name	Value
Color	Translucent
Backing	laminated polymer
Density	0.945 g/cm <sup>3</sup>
Film Thickness	0.03 mm (1.2 mil)

### **Typical Performance Characteristics**

Attribute Name	Test Method	Test Condition	Value
Elongation at Break	ASTM D882	Machine Direction	minimum 400 %
Elongation at Break	ASTM D882	Cross Direction	minimum 500 %
Tensile Strength	ASTM D3759		10 N/cm (60 oz/in)
Short Term Temperature Resistance			160 °C (320 °F) <sup>1</sup>

<sup>1</sup> Short Term (minutes, hour)

### **Electrical and Thermal Properties**

Attribute Name	Value
Surface Resistivity	minimum 10 <sup>10</sup> Ω

### **Handling/Application Information**

#### **Application Examples**

- Tutone paint masking for automobiles, trucks, buses and boats.
- Repair painting of automobiles and trucks.
- Automotive fascia piece part paint masking.

## **Storage and Shelf Life**

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton. To obtain best performance, use this product within 18 months from date of manufacture.

## **Information**

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## **ISO Statement**

This Closure & Masking Systems Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M  
Closure and Masking Systems Division  
3M Center, Building 225-35-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
[www.3M.com](http://www.3M.com)