



## Technical Data Sheet

### 3M™ Polystyrene Foam Insulation 78 ET Cylinder Spray Adhesive

#### **Product Description**

A tacky industrial grade spray adhesive with a long open time designed for bonding polystyrene and other insulation materials to a variety of surfaces.

#### **Product Features**

- It can permanently bond polystyrene foam, both expanded and extruded, to itself as well as many other materials.
- Will not dissolve polystyrene foam.
- Capable of both one and two surface bonding.

#### **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 Uncured Physical Properties**

Attribute Name	Value
Density	6.12 lb/gal

#### **Typical Physical Properties**

Attribute Name	Value
Color	Translucent and Green
Solids Content by Weight	17 %
Base	Synthetic Elastomer
Dry Time	1 – 2 min <sup>1</sup>
Spray Pattern	Lace
Flammable Solvent	Yes
Flammable Propellant	Yes
Coverage	31 ft <sup>2</sup> <sup>2</sup>
Bonding Range	1-60 min
SCAQMD 1168 Compliant	No
VOC	582 g/L
Hazardous Air Pollutants (HAPS)	36.3 % by weight

<sup>1</sup> Dry time will depend on ambient temperature, humidity and coverage applied.

<sup>2</sup> @ 27 g/m<sup>2</sup> (2.5 g/ft<sup>2</sup>)

#### **Typical Performance Characteristics**

Attribute Name	Value
Shear Adhesion Failure Test - SAFT	200 °F <sup>1</sup>

<sup>1</sup> SAFT Shear Adhesion Failure Test with birch plywood, 25 mm (1 in) overlap, 100 g used, temperature start at 32 °C (90 °F) and ramped 5.5 °C (10 °F) every 10 min. until complete failure.

## **Storage and Shelf Life**

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original, unopened packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. For best performance, use this product within 21 months from date of manufacture.

## **Available Sizes - Detailed**

Container Size	3M Stock Number	UPC Number
Large Cylinder – 29.3 lbs. - Clear	62-4984-8030-0	00-048011-61693-3
Large Cylinder – 29.3 lbs. - Green	62-4986-8030-5	00-048011-61695-7
Intermediate Cylinder – 139.1 lbs. - Clear	62-4984-8150-6	00-051115-25704-9
Intermediate Cylinder – 139.1 lbs. - Green	62-4986-8150-1	00-051115-25705-6
Jumbo Cylinder – 298 lbs. - Clear	62-4984-8300-7	00-048011-61694-0
Jumbo Cylinder – 298 lbs. - Green	62-4986-8300-2	00-048011-61696-4

## **Precautionary Information**

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577

## **Automotive Disclaimer**

### **Select Automotive Applications:**

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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