



# Hybrid Adhesive Sealant 755

## Product Data Sheet

Date: February 2012  
Supersedes: March 2011

### Product Description

3M™ Hybrid Adhesive Sealant 755 is a single component elastomeric sealant without isocyanates curing under the effect of moisture present in the air or in the substrates to form a flexible and resistant joint.

### Area of Application

3M™ Hybrid Adhesive Sealant 755 is suitable for bonding various materials for industrial and refrigerated trailers, truck bodies, shipbuilding, air conditioning and ventilation units, sandwich panels and many other industrial applications.

3M™ Hybrid Adhesive Sealant 755 can also be used for bonding and caulking different materials used in the building industry: concrete, wood, aluminum, most lacquered metals, polyester, glass, stone, ceramic, etc.) However, for difficult materials (especially lacquered or non-ferrous metals), it is necessary to make tests beforehand.

### Typical Uncured Properties

Appearance	Pasty
Density at 20 °C (kg/l)	Black : 1.54 ± 0.05 others : 1.58 ± 0.05
Skin formation time at 23°C, 50% RH	40 to 70 min
Sagging (ISO 7390)	< 2 mm

### Performance Characteristics

Application temperature	5 – 35 °C
Color	Grey, white, black
Cure time at 23°C, 50% RH	> 3 mm / 24 h
Final Shore A hardness (ISO 868 – 3 seconds)	> 45
Compatibility with paints	Testing required
Modulus at 100 % (ISO 37)	> 0.8 MPa
Elongation at break (ISO 37)	> 350 %
Modulus at break (ISO 37)	> 1.7 MPa

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**Instructions for Use****Substrate preparation :**

The substrates must be even, dry, free of dust, oil, grease, poorly adherent paints or coatings and of any contaminant that could harm bonding. They may be cleaned with methylethylketone (MEK) or acetone. Check the compatibility of the solvent used with the substrates. When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer. It may be necessary to rub down the substrate beforehand. Clean after rubbing down. Allow the substrate to dry after degreasing. We recommend that concrete is cleaned with a metal brush.

**Application Techniques****Caulking :**

3M™ Hybrid Adhesive Sealant 755 can be applied by a manual or pneumatic gun. After application, use a putty knife to smooth the joint with soapy water. This product should be used within 24 hours of opening the cartridge or sausage protection; otherwise, the sealant could harden inside. Do not apply at a temperature under 5 °C. In cold weather, store the packaging at about 20 °C before use. Avoid any contact with non-cured polyurethanes during curing.

**Cleaning :**

Tools can be cleaned with MEK or acetone before full curing of the sealant. After curing, abrasion is necessary.

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**Shelf Life**

12 months in the original, hermetically sealed packaging between 5 and 25 °C after date of manufacture.

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**Precautionary Information**

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.

For information please contact your local 3M Office.

[www.3M.se](http://www.3M.se)

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**For Additional Information**

To request additional product information or to arrange for sales assistance, call: 08-92 21 00

Address correspondence to: 3M Svenska AB, Tejp och lim,  
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**Important Notice**

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes.

Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications.

This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

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