

IS1000 Adhesive

High Strength and Elongation, Adhesive Sealant

Description

IS1000 is a one-component, fast cure, non-corrosive silicone adhesive sealant that cures on exposure to atmospheric moisture to form an elastic silicone rubber. IS1000 has a thixotropic paste consistency and excellent corrosion-free adhesion to metals, including copper, plastics, glass without the use of primers.

Key Features and Typical Benefits

Fast room temperature cure, and neutral oxime cure material.

High strength and high elongation

Excellent adhesion after extended aging, and excellent dielectric properties Wide operating temperature range from -50 to +200 °C

Property	Unit	Value
Uncured Properties		
Color		White
TFT	Mins	10
Cured Properties (7 days @ 23°C / 50% RH)		
Appearance		Elastic Rubber
Flowability		Non Flowable
Density	g/cm ₃	1.04
Hardness	Shore A	40
Tensile Strength	Mpa	1.9
Elongation	%	380

General Instructions for Use

Substrate surface should be thoroughly cleaned with a suitable solvent such as alcohol, xylene, methyl ethyl ketone (MEK) etc.

Wear eye protection and protective gloves as required while handling.

Adequate ventilation must be maintained in the work place at all times.
General adhesive for metals, glass, plastics, etc.
Certain plastics may require surface treatments such as plasma or liquid primers to achieve best adhesion levels.

Packaging

300 ml cartridge in case of 24
2.6 Ltr Packing

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com