



4559/GREY

FO412-02, Ver A, Mars 2000

Created 04/99 Modified 12/2009 11:23 AM

Product: 4559/GREY

TECHNICAL DATA SHEET

ADSEAL 4559/GREY
RTV SILICONE**PRODUCT DESCRIPTION:**







ADSEAL 4559 is a one-component product, thixotropic, non-flowable adhesive sealant that cures rapidly at room temperature and ambient humidity conditions, utilizing a low corrosive, oxime curing system. It may be used for many types of bonding and sealing applications including FIP gasketing. **ADSEAL 4559** has also a really good resistance to ultraviolet rays.

ADSEAL 4559 adhesive sealant is a paste-like, one-component material that cures to a durable, resilient silicone rubber when exposed to moisture in the atmosphere at room temperature. Due to its non-sag, non-flowable features, it may be applied overhead or on sidewall joints and surfaces. It will adhere to glass, most types of wood, clean metals, silicone resins, ceramics, vulcanized silicone rubber, natural and synthetic fibers, as well as painted and many plastic surfaces. With its oxime neutral curing system, **ADSEAL 4559** can be used for general sealing as well as electrical insulation. It presents no offensive odor during curing and will not corrode metal. (Discoloration of copper-based metals may occur when hermetically sealed). In addition, the product adheres well on alkali materials such as mortar and white cement.

Due to **ADSEAL 4559** silicone utilizing a moisture cure system, it must not be used in thickness greater than 6mm (1/4 inch) or the material may never fully cure. For applications with section depths exceeding 6mm or 1/4 inch, **Adchem** two-component silicones are recommended.

ADSEAL 4559 silicone is available in clear, black, blue white, white and aluminum and brown

PROPERTIES OF THE UNCURED SEALANT:

 Color:	 Grey
 Viscosity:	 Paste
 Density at 23°C {g/cm3}:	 1,26

PROPERTIES OF THE CURED SEALANT:

Hardness according to ASTM after cure at 23°C and 50% relative humidity.	
