

ADSEAL 4010

LOW MODULUS NEUTRAL CURE SILICONE SEALANT

DESCRIPTION

ADSEAL 4010 is a one-component sealant / adhesive that vulcanizes into a durable, elastic silicone rubber in contact with ambient humidity. Due to its rheological and non-sag characteristics, it can be applied above the head, on joints, wall surfaces as well as vertical and horizontal walls.

ADSEAL 4010 CAN NOT BE PAINTED.

Due to the very low hardness, ADSEAL 4010 is used for preformed gasket in place applications. It can be used with nitrogen injection equipment to reduce its density.

LIMITATIONS

- Not designed for permanent immersion joints
- Not designed for structural applications
- Where the sealant is encapsulated and does not have access to ambient humidity
- In contact with strongly acidic or alkaline products
- Not recommended for joint less than 1/4 " or 6 mm. (width and depth)

PHYSICAL PROPERTIES

Uncured	
Consistency	Paste
Color	Black (4013)
Density	1.02
Extrusion rate (20 psi/diameter 5mm)	116 g/min.
Tack free time (ASTM C679)	15 minutes at 23°C (73°F) 50% R.H.
Depth of cure after 12 hours	3.8 mm
Sagging (ASTM D2202)	None
V.O.C.	65.90 g/L
Shelf life	24 months
Cured	
Hardness (ASTM C661)	10 – 15 (shore A)
Elongation at break (ASTM D412)	1464%
Maximum Tensile strength (ASTM D412)	110 psi
Lap Shear (ASTM C961)	34 psi
Water absorption (ASTM D570)	0.61%
Compression (IATM standard*)	
At 25% after 24 hours	100% recovery
At 50% after 24 hours	100% recovery
Temperature range	-45°C to 150°C (-50°F to 302°F)
Life expectancy	20 years

*Internal Adfast Test Method

APPLICATION

- Foamed in place (FIP) gasket

ADSEAL 4010**LOW MODULUS NEUTRAL CURE SILICONE SEALANT****SURFACE PREPARATION**

Surface must be free of dust, oil, grease, frost, or any other contaminant. Use ADSEAL CLEANER 6003 to clean all surfaces. Let it evaporate 20 minutes before sealant application.

METHOD OF USE

ADSEAL 4010 should be applied in a continuous operation with robotic pneumatic equipment to ensure a constant thickness / width.

PACKAGING

- Pail
- Drum

STORAGE

Store the sealant in closed original packaging. Store in dry premises at a temperature lower than 25°C (77°F). Expiration date is indicated on each container. Storage beyond the date specified on the container does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality insurance reasons. Contact our technical service.

CAUTION

Always consult SDS (Safety Data Sheet) before using the product. Apply usual hygienic rules. Always test the product on your application before use. For industrial use only. For more information, please contact your technical representative.

IMPORTANT**READ CAREFULLY**

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