

GENERAL SEALANTS, INC.

GS# 43MR Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 43MR Sealant is an ultra-premium high temperature vacuum bag sealant tape formulated from a blend of advanced synthetic rubbers developed for long cure cycles. This sealant tape was designed to have tenacious room temperature surface tack. It has excellent adhesion to a variety of films and tooling surfaces, as well as excellent release/clean up from tooling post-cure, either hot or cool. GS# 43MR is ideally suited for oven and autoclave cure cycles from room temperature to 450°F (232°C).

PRODUCT ADVANTAGES

- Approved on aerospace specifications worldwide
- Designed for longer high temperature cure cycles
- Effortless tooling clean-up post cure both warm and cold pull
- Excellent adhesion to most films and tooling surfaces
- No special tools required
- Fast and easy to apply by hand
- Non-Hazardous
- Room temp. to 450°F (232°C) cure cycles

APPLICATION

Surface should be clean and dry for maximum bond. Apply the sealant by hand to the tooling surface pressing the sealant into place. When ready to apply the film, remove the release liner from the sealant and apply the film to the sealant. It is recommended to use a roller to run the entire area of the sealant applying firm pressure to achieve the best seal.

Product is not considered hazardous to skin however wash hands before eating. DO NOT TAKE INTERNALLY.



TYPICAL PHYSICAL PROPERTIES

Chemical Base	Synthetic Rubber
Color	Off-White
Specific Gravity (ASTM D 792)	1.16
Total Solids	100%
Penetration (ASTM D 217) cone at 72°F / 150 grams	55-65 (5.5 to 6.5 mm)
Rolling Ball Tack (ASTM D 3121)	< 3.0 cm (11/16" Ball)
Elongation (ASTM D 1000)	> 1000%
Weight Loss (ASTM C 771)	< 3.0%
Odor	None
Adhesion	Excellent
Water Resistance	Excellent
Corrosion Resistance	Excellent
Service Temperature	Room temp. to 450°F (232°C)
Shelf Life (Storage At 72°F/22°C)	12 Months from DOM

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

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PACKAGING

GS# 43MR Sealant is available in a wide range of extruded sizes supplied in roll form on a release liner. The standard sizes are 1/8" x 1/2" x 25' (40 Rolls/Case) and 1/8" x 3/4" x 25' (28 Rolls/Case) but other custom sizes are available.

STORAGE AND HANDLING

Material should be stored at 72°F (22°C) in a dry area in its original sealed case and case must remain right side up.

For more information on GS# 43MR Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with our Sales Department.

USER'S RESPONSIBILITY

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