

GENERAL SEALANTS, INC.

GS# 43MR-LT Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 43MR-LT 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 lower room temperature surface tack than our standard GS# 43MR Sealant allowing for reposition of the vacuum bag film if needed after film has contacted the sealant tape. 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-LT is ideally suited for oven and autoclave cure cycles from room temperature to 400°F (204°C).

PRODUCT ADVANTAGES

- Designed for longer high temperature cure cycles
- Reduced tack to facilitate bag repositioning prior to cure
- Effortless tooling clean-up post cure both warm and cold pull
- No special tools required
- Fast and easy to apply by hand
- Non-Hazardous
- Room temp. to 400°F (204°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 firmly 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)	1.20
Total Solids	100%
Penetration (ASTM D 217) cone at 72°F / 150 grams	58-68 (5.8 to 6.8 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	Good
Water Resistance	Excellent
Corrosion Resistance	Excellent
Service Temperature	Room temp. to 400°F (204°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-LT 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-LT Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with our Sales Department.

USER'S RESPONSIBILITY

THIS PRODUCT INFORMATION CANNOT COVER ALL POSSIBLE SITUATIONS, WHICH THE USER MAY EXPERIENCE DURING PROCESSING. EACH ASPECT OF YOUR OPERATION SHOULD BE EXAMINED TO DETERMINE IF, OR WHERE, ADDITIONAL PRECAUTIONS MAY BE NECESSARY. ALL HEALTH AND SAFETY INFORMATION CONTAINED IN THIS BULLETIN SHOULD BE PROVIDED TO YOUR EMPLOYEES OR CUSTOMERS. IT IS YOUR RESPONSIBILITY TO USE THIS INFORMATION TO DEVELOP APPROPRIATE WORK PRACTICE GUIDELINES AND EMPLOYEE INSTRUCTIONAL PROGRAMS FOR YOUR OPERATION.

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