



7039-1

Heat Expandable Sealant

Description

7039-1 is a die cut rubber based sealer which expands with the application of heat to form a flex-ible closed cell foam. This product is recommended for filling openings between metal parts where sound and vibration damping is required. It is also recommended for metal to metal bonding where medium strength can be tolerated.

Features	Benefits
Die Cuttable	Fits many unusual sizes and shapes
Expandable >200%	Fills gaps and voids to form a seal and dampen sound and vibration
Tack Free at Room Temperature	Easy to handle, no transfer to tools or operator

Basic Use

7039-1 is used to fill gaps and as a sound and vibration damper in a variety of automotive OEM ap-plications.

Speci ications

Meets requirements of:

Chrysler	MS-CD-466 Type C
GM	9984193 Type A & B
	9984188 Type B

Health & Safety

Prior to working with this, or any product, consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

Availability / Cost

Availability and cost can be obtained from an Royal representative.

Technical Data		
Property	Typical Value	Test Method
Specific Gravity	0.9-1.15	
Solids Content	99%	TM45-2
Odor	Slight bland odor	
Toxicity	Not toxic or noxious	
Adhesion Initial Exterior Cycle Heat Aging Humidity Cold impact	No adhesion loss or cracking under all listed conditions	
Expansion at 157°C (315°F) /25 minutes	100-200%	
Carpet Stain	No stain	TM45-44
Smoke	No smoke up to 171°C (340°F)	
Elevated Temperature Stability	No detrimental effects	TM45-21
Low Temperature Stability	Pass three cycles	TM45-21
Storage Stability at 35°C (95°F) / 90 days	Performs within specifications	TM45-21

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not to be interpreted as manufacturing specifications.

Storage and Shelf Life

Store material in original unopened packaging in a cool dry area. Shelf life is 24 months when stored as recommended.

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