



PRODUCT DATA

402T

SOUND DEADENING and SEALING COMPOUND

DESCRIPTION

402T is a sealing compound especially compounded for sound deadening applications. It can be used for noise and vibration damping applications in the appliance, transportation and construction industries. 402T is freeze-thaw stable and resistant to fungus of the following types:

- Chaetomium globosum
- Aspergillus niger
- Aspergillus flavus
- Penicillium funiculosum.

402T has aggressive adhesion and gives cohesive failure to most commercial surfaces without the need for any special surface preparation. It is non-staining on most surfaces.

402T is available in a variety of sizes such as beads, tapes and flat, cut to length pieces.

PROPERTIES

Property	Test Method	Typical Values
Color	ASTM D1729	Gray
Odor		None
Service Temperature		-40°F to 300°F
Needle Penetration, 100-g.	ASTM D1321	80 – 95 dmm
Cone Penetration, 300-g.	ASTM D217	85 – 95 dmm
Specific Gravity	ASTM D297	1.73 ± 0.05 g/cm ³
Weight per Gallon		14.4 ± 0.5 pounds/gallon
180-degree Peel Strength	ASTM D903, Test condition	Substrate: Peel strength and failure mode
	1-hour dwell	Aluminum: 2.3 lbs./inch, cohesive failure Cold rolled steel: 2.3 lbs./inch, cohesive failure Galvanized steel: 2.5 lbs./inch, cohesive failure
	1000-hrs @ 158°F	Aluminum: 0.6 lbs./inch, cohesive failure Cold rolled steel: 0.4 lbs./inch, cohesive failure Galvanized steel: 0.6 lbs./inch, cohesive failure
Flow	18-hrs @ 300°F on copper pipe	No flow
Freeze-Thaw Stability	25,000 cycles of 3-min @ 0°F + 1-min @ 80°F.	Pass
Discoloration from Ultraviolet Light Exposure	ASTM D1148, 1000-hours UVA-340 exposure	No apparent change.
Shelf Life		Non-hardening material that may be stored indefinitely.

REGULATIONS and SPECIFICATIONS

FDA Regulation: Meets U.S. Food and Drug Administration (FDA) regulation 21 CFR 175.105 – Indirect food additives: Adhesives and components of coatings. For substances that may come into contact with food as part of packaging or processing equipment, but are not intended to be added directly to food.

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