



PRODUCT DATA

241

PUMPABLE, BUTYL RUBBER SEALANT

DESCRIPTION:

241 is a pumpable, one-component, butyl sealant designed for refrigeration, HVAC, sound deadening and pre-metered caulking. It is formulated to be a non-drying, permanently flexible material for sealing between all combinations of wood, glass, metal and masonry.

Apply with caulking gun or pumping equipment at temperatures of 40 – 150°F. Cracks deeper than ½-inch should be bottom filled. Can be pumped from 5-gallon and 55-gallon drums using air pressure of 80-100 psi using a pump ratio of 80:1 at 70°F. Tack-free in 30-minutes.

PROPERTIES:

Color (ASTM D1729):	Gray (241.12) White (241.2)
Odor (ASTM D1833):	Mild mineral spirits odor when wet. No odor when dry. Will not contaminate sweet butter
Weight Per Gallon (ASTM D71):	13.2 ± 0.5 pounds/gallon
Percent Solids (ASTM C771):	93 ± 3% by weight
Slump (ASTM D2202):	≤ 0.5-inch after 30-minutes @ 158°F.
Shrinkage:	7% by volume when completely dry.
Elongation:	300%
Flexibility (ASTM C765):	Passes ¼-inch mandrel bend @ -60°F after exposure to three cycles of 16-hours at 158°F + 8-hours at 0°F after first conditioning for 2-days at 77°F.
Adhesion:	100% cohesive failure on commercially clean surfaces.
Bubble Formation:	Not to exceed 25% of surface after 72-hrs at 158°F.
Weatherability (ASTM D750):	No apparent change of physical properties after 1000-hours in QUV exposure. Slight yellowing of white grade.
Staining (ASTM D925, Method A):	No staining of painted metal after 168-hours.

Corrosive Effects:	No evidence of pitting or corrosion of aluminum or galvanized after 7-days aging of the sealant on the metals in water at 158°F, preceded by a 3 hour cure at 158°F.
Copper Staining:	No evidence of any darkening, etching or salt deposits on copper after 7-days storage of polished copper in the sealant at 158°F.
Exterior Exposure:	No evidence of pitting or corrosion of aluminum or galvanized steel covered by bead of sealant or evidence of deterioration of the sealant after 1-year exposure on 45° rack facing south in Florida.
Freeze – Thaw Stability:	Passes 50,000+ cycles. One cycle equals 3-minutes at -10°F + 2 minutes @ 80°F.
Water Resistance:	No effect after 2-weeks immersed in water.
Freight Classification:	Caulking compound NOIBN, Item 149610-Class 55.

REGULATIONS AND SPECIFICATIONS:

Federal Specification:	TT-C-1796A, Type I, Class A
FDA Regulation:	Meets CFR Title 21, food additives, sub-part F, subparagraph 175.105 being composed of ingredients acceptable for packing and transporting food.
NAAMM:	Meets Standard SS-1a-68.
USDA:	Is acceptable to the U.S. Department of Agriculture for use in meat and poultry processing areas under federal inspection.

For technical assistance, customer service and general information please call:

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