



BIDCO C-56

Preformed Flexible Plastic Mastic Sealant

CHEMICAL COMPOSITION	SPECIFICATION	REQUIREMENTS	C-56
Content of Hydrocarbon — % by weight	ASTM D4-86	50-70	56.0
Inert Material Filler — % by weight	AASHTO T III	30-50	44.0
Volatile Matter — % by weight	ASTM D-6	2.0 max	below 1

Contains No Asbestos Fibers

CHEMICAL RESISTANCE (TOTAL IMMERSION - 30 DAYS)

5% Sulfuric Acid	No Visible Deterioration
5% Hydrochloric Acid	No Visible Deterioration
5% Potassium Hydroxide	No Visible Deterioration
Saturated Hydrogen Sulfide Solution	No Visible Deterioration

PHYSICAL PROPERTIES

Specific Gravity — 77 °F	ASTM D-71	1.2 – 1.35	1.27
Ductility — 77 °F	ASTM D-113	5.0 min.	10.0
Softening Point — °F	ASTM D-36	320 min.	380
Penetration — 77 °F	ASTM D-217	50-120	85
Accelerated Aging (mechanical oven 4 hours @ 212 °F)			Maintained 99+% of solids (Flexibility not affected.)
Elongation Initial — 77 °F			300% min.
Two Weeks, Total Water Immersion			300% min.
Flow resistance (1" wide overhead joint exposed to 135 °F for 7 days)			No Flow
Storage Life			Indefinite
Application Temperature Range			10° - 125°F
Service Temperature Range			-20°F - 200°F

Conforms to AASHTO M-198B — SS-S-210A — ASTM C990

THE FOLLOWING WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, NAMELY, THAT THE PRODUCT IS MADE OF STANDARD, COMMERCIAL MATERIALS BY COMPETENT WORKMEN. AS WE HAVE NO CONTROL OF CONDITIONS UNDER WHICH THIS PRODUCT MAY BE USED, OR THE METHODS OF APPLICATION THEREOF, USERS SHOULD TEST THE PRODUCT FOR THEIR REQUIREMENTS.

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