



# RUBBER-ELAST™ BUTYL JOINT SEALANT TAPE

## Technical Data Sheet

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Chemical Composition	Specification	Requirements	Rubber-Elast™ Butyl Sealant
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

### 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
Application Temperature Range			10° - 125°F
Service Temperature Range			-20°F - 200°F

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

