

Rubex™ 88

Rubex Inc. Offer Varieties of HAPB. Each Formula Offers Unique Properties for the General Manufacturing, Assembly, and Installation of Construction, Industrial, and Transportation Products

Product Description:

Rubex™ HAPB is 100% solids, cross-linked pumpable butyl that are specifically formulated to seal and prevent the leakage of water, air, moisture, and dust assuring a weather tight, gasket like seal in joints, pockets, seams, laps, flanges, curbs, harnesses, voids, and penetrations. Rubex™ HAPB can also be used to seal dissimilar materials while reducing or preventing electrolysis, galvanic corrosion, thermal transfer, vibration, and noise. Rubex™ HAPB is available in pails and drums or can be supplied in bricks or blocks.

Typical Areas of Use:

- **Construction:** Fenestration, Waterproofing, Roofing, HVAC, Flashing, and Concrete Pipe & Vaults
- **Industrial:** Electrical Transmission, Electrical Equipment, Appliance, HVAC Equipment, Metal Building, and Manufactured Housing
- **Transportation:** Auto Glass, Auto Body, Automotive OEM, Non-Automotive Vehicle OEM, Trailer & Body, and Aerospace

Typical Properties:

General			
Polymer Type	Cross-Linked Butyl		
Solids Content	100%	ASTM C771	
Specific Gravity	1.49 +/- .05	ASTM D792	
Cone Penetration	95 +/- 10	ASTM D217	
Tensile Strength	18 psi +/- 2 psi	ASTM C907	
Yield Strength	8 psi +/- 1 psi	ASTM C908	
Elongation	>500%	ASTM C908	
Peel Adhesion	8 lbs/in	ASTM D3330	
Low Temp Flexibility	-40°F (-40°C) Excellent	ASTM C765	
Accelerated Aging	No Loss of Characteristics	ASTM G151	
Specific			
Water Penetration	Pass	ASTM E2140	
Concrete Joint	Pass	ASTM C990	
AAMA 804.3-92	Pass	AAMA 800	
AAMA 807.3-92	Pass	AAMA 800	
Application			
Color		Rubex Lab	
Shelf Life	24 months	Rubex Lab	
Application Temperature	-5°F (-20°C) - 120°F (49°C)	Rubex Lab	
Service Temperature	-40°F (-40°C) - 200°F (93°C)	Rubex Lab	

Typical Features:

Rubex™ HAPB exhibits excellent resistance to weather extremes, ultraviolet light, infrared radiation, and acidic rain. The product remains pliable and tacky at temperatures as low as -60°F (-51°C) and will not bleed under temperatures as high as 200°F (93°C).

Special Features:

Rubex™ HAPB unique feature of controlled compressibility allows the assembly of heavy parts ensuring material will not squeeze out or allow direct contact between substrates. The material is non-staining, non-migrating, and permanently flexible. The high webbing formula and high elongation properties adds resistance to product sag and flow due to thermal movements caused by extreme temperature fluctuations.

Additional Benefits:

Rubex™ HAPB has been formulated to offer aggressive tack and high internal tensile strength exceeding industry specific performance requirements. The material is a conformable and durable, tacky mastic supplied on a quick release liner for easy applications over smooth and irregular surfaces. Rubex™ HAPB features superior self healing characteristics after being punctured or cut. And where splices occur, the material easily kneads together.



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