

## Rubex™ EPBT

*Rubex Inc. Offers Over 10 Varieties of EPBT. Each Formula Offers Unique Properties for the General Manufacturing, Assembly, and Installation of Construction, Industrial, and Transportation Products*

### Product Description:

Rubex™ EPBT is 100% solids, cross-linked butyl tapes 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™ EPBT can also be used to seal dissimilar materials while reducing or preventing electrolysis, galvanic corrosion, thermal transfer, vibration, and noise. Rubex™ EPBT is available in many profiles, thicknesses and widths supplied in various length rolls & specialty sized pads.

### 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	Black, Gray, Off-White, Tan	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:

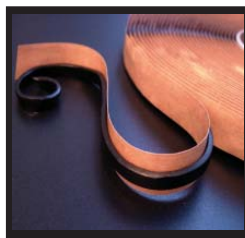
Rubex™ EPBT exhibits excellent resistance to weather extremes, ultraviolet light, infrared radiation, and acidic rain. The product remains pliable and tacky at temperatures as low as -60°F (-51°C) and will not bleed under temperatures as high as 200°F (93°C).

### Special Features:

Rubex™ EPBT 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™ EPBT 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™ EPBT features superior self healing characteristics after being punctured or cut. And where splices occur, the material easily kneads together.



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Revision Date:  
Supersedes:

Jan 1, 2007  
Mar 8, 2005