

CRL Polyisobutylene Tape

PRODUCT NAME

CRL Polyisobutylene Tape

PRODUCT DESCRIPTION

CRL PIB Tape is designed for use as the primary moisture barrier in a dual seal insulated glass unit. It is supplied in pre-extruded strands for non-automated assembly of insulating glass units. CRL PIB Tape offers a balance of strength, compressibility, and exhibits low argon permeability and inherently low moisture vapor resistance.

FEATURES	BENEFITS
Low moisture vapor transmission(MVT)rate	Increases unit life expectancy
Good resistance to weathering	Does not degrade upon exposure to environmental conditions
Low gas permeability	Extends argon gas retention
Good adhesion	Adheres to glass, stainless steel, aluminum, tin-plated steel
Meets CAN/CGSB-12.8-97	No chemical fogging No discoloration of low-E coatings
Increased strength	Reduces glass movement during manufacturing

BASIC USE

CRL PIB Tape is formulated to provide a primary moisture barrier for insulated glass units. It is designed for application in non-automated assembly systems.

SHELF-LIFE PROPERTIES

Storage	Store indoors below 38°C (100°F) in dry environment away from all sources of heat
Shelf Life	2 years from the date of manufacture

TYPICAL PERFORMANCE PROPERTIES

Moisture Vapor Transmission ASTM F1249, 0.080" thickness	0.10 g/m ² /24 hr.
Argon Diffusion ASTM D3985, 3 mm thickness	0.02 L/m ² /24 hr/760 mm.
Shear Strength Glass, Aluminum, 0.035"	25 psi cohesive failure
Compression Resistance (Flow Characteristics Under Load) Mfr. Test Method T-12	2.0 mm (0.1 inch)

PHYSICAL PROPERTIES

Core Properties ASTM D217, 150 g added load	75 dmm
Color	Black
Solids Content	100%
Specific Gravity ASTM D71	1.10
Weight Per Gallon	9.163 lb

APPLICATION PROPERTIES

Service Temperature	-45-80°C (-50°-176° F)
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HEALTH AND SAFETY

A complete Material Safety Data Sheet (MSDS) is available from CRL for health and safety precautions.

PACKAGING

CRL PIB Tape is available in the following standard package:

Catalog Number	Unit Size	Package
2132559	3/32", 2100 Ft/Case	Case