

**PRODUCT INFORMATION
BULLETIN**

PTI® 707 ARCHITECTURAL BUTYL SEALANT

BASIC USES: This butyl sealant is recommended for use in metal-to-metal panel seals, perimeter seal around doors, windows, and masonry intersections; bedding for mullions, framed openings, and coping areas, curtain wall sealants, end dams and splice joints.

It is recommended for glazing of glass, heel and toe beading, and complete channel bedding.

PTI 707 has excellent adhesion to wood, metal, glass, concrete, and masonry surfaces. However, tests should be run on special finishes to determine suitability. Not recommended for extended water immersion or interior application.

TECHNICAL DATA

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| Base | .A specially processed combination of butyl rubber with highly age-resistant polymers. |
| Cure system | .Solvent release |
| Cure time | .14 days at 75°F (20°C) |
| Tack-free time | .24 hours max |
| % Solids | .80% minimum, ±2% |
| Elongation | .150% |
| Shore A Hardness | .40 durometer max. |
| Durability (loss of bond test) | .1.5 sq. in. maximum over 6 sq. in. total when tested against TT-S-001657 |
| Application temperature | .40°F to 120°F (+5°C to +50°C) |
| Service temperature | .-30°F to +200°F (-35°C to +95°C) |
| UV resistance | .No discoloration or crazing after 1500 hours in weatherometer cabinet |
| Max. joint movement accommodation | .12-1/2% |
| Shelf Life | .1 year |
| Typical Life Expectancy | .Long Life |
| Paint | .In two weeks |
| Limitations | .Joint size: Minimum 1/4" x 1/4" Maximum 1/2" x 1/2" |

COMPOSITION AND MATERIALS: PTI 707 butyl sealant is uniquely formulated. It is a non-skinning elastomeric sealant with a balance of adhesion-cohesion characteristics that enables it to perform in areas where dynamic conditions exist. PTI 707 does not harden or lose flexibility, adhesion, or elongation after prolonged exposure to high or low temperatures and ultra-violet light. Total joint movements of 12-1/2% will not affect the water-tightness of PTI 707. Adhesion to special finishes should be tested for suitability.

GRADE: Gun-grade consistency.

PACKAGING: PTI 707 is stocked in standard 10.5 fl. oz. (310 ml.), 4" needle nose cartridges, 30 per case, and 5-gallon pails. Also available on special request in 55-gallon drums.

COLORS: White, gray, black, bronze, and natural.

MAINTENANCE: Not required. PTI 707 may be reapplied upon itself at any time providing the existing surface is clean.

APPLICABLE STANDARDS: Meet Federal Specification TT-S-001657, Canadian Specification 19 GPN, AAMA 808.3, and ASTM C-1085.