

PSA Backed Hollow-D Profile 4-Corner Spliced Low-Closure-Force Gasket

No. JBL5411B-1 USA

JBL's Extruded and Spliced Picture Frame Gasket with Pressure Sensitive Adhesive (PSA) Solves Customer Problems.

Applications: Outdoor electronic enclosures that require an easy-to-assemble gasket, environmental sealing with no groove, and low-closure-force when used with thin sheet metal or plastic covers and/or minimal latches/hinges/bolts.

Potential Customers: Manufacturers of outdoor or indoor electronic or telecommunication enclosures.

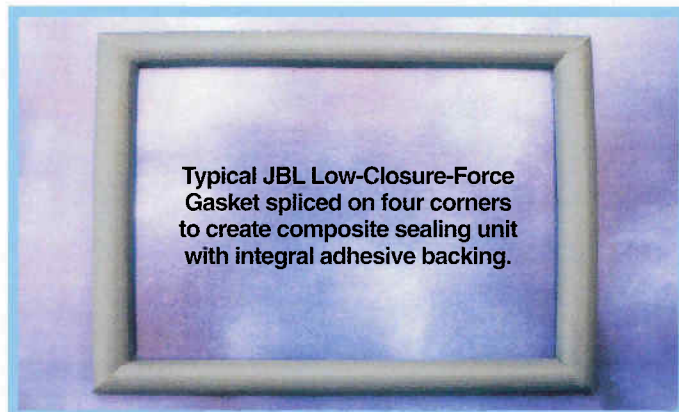
Design Requirements: Need for low-closure-force, easy to assemble seal. Must provide environmental sealing to prevent external leakage and moisture build up from effecting internal electronic components. Must seal on a flat door panel with no groove. UL94V1 materials as required.

The JBL Solution: Extruded homogenous silicone Hollow-D cross-section for low-closure-force. Four-corner picture frame hot vulcanized, spliced gasket with pressure sensitive adhesive (PSA) for ease-of-assembly when compared to customer applied adhesive or dispensed foam type gaskets.

Summary: Many electronic and telecommunications enclosure manufacturers require low-closure-force, easy-to-assemble gaskets and seals. JBL's new pressure sensitive adhesive (PSA) backed Hollow-D Extrusion and advanced four-corner splicing technology provides excellent environmental/dust sealing with very low-closure-force by utilizing a hollow cross-section seal profile.

Target Markets:

- Outdoor Electronic Enclosures
- Outdoor Cable Junction Boxes
- Outdoor Fiber Optic Junction Boxes
- Outdoor Pole or Building Mounted Telephone Equipment Enclosures
- Semiconductor Process Door Sealing
- Indoor Electrical Enclosures
- Other Low-Closure-Force, "No-Groove", Applications

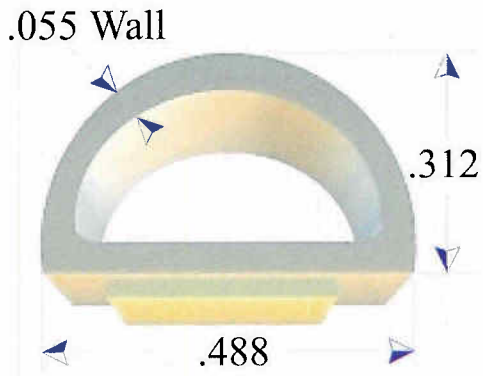


New Pressure-Sensitive, Adhesive-Backed (PSA) Hollow-D Profile "Picture Frame" Provides Effective, Low-Closure-Force Sealing Without a Machined or Cast Groove.

Key Features, Advantages, Benefits:

- PSA attachment and precision corner splicing technology provides "no groove" flat panel seals.
- Hollow-D cross-section offers low-closure-force & high clearance gap tolerance.
- Superior compression set compared to conventional dispensed, molded, or extruded foam seals.
- "Sealing Grade" Materials provide superior service.
- Hollow-D profiles can be cut and spliced to exact requirements with minimal-to-zero tooling cost.
- Low-cost, non-standard sealing solution.
- Tight cross-sectional tolerances are held on all JBL extruded profiles.
- Reduces overall customer costs by elimination of seal retainer grooves due to PSA-backing. Also offers potential reduction of bolts/latches/hinges required due to low-closure-force hollow profile.
- Hollow-D PSA-backed extrusions can be supplied in long lengths, as spliced rings, or four-corner spliced gaskets as shown above.

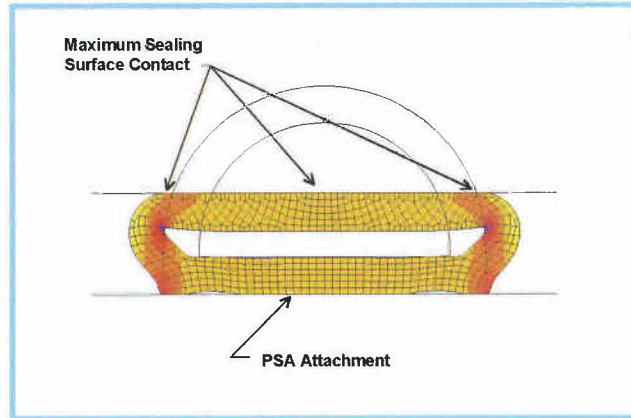
Hollow-D Deflection Curve



JBL Part Number:
D010PXXXXX

(please note XXXXX designates JBL compound)
*Contact JBL Division for Compound Selection.

30% Deflection



Hollow D Profile #D010PXXXXX

