

Edge
Bonded
Gaskets



EDGE BONDED GASKETS

Designed to seal flat components, edge bonded gaskets comprise an elastomeric sealing bead that is bonded to the thin edge of a metal carrier frame. They are used to seal flat components when a groove is missing for a press-in-place gasket.

VALUES FOR THE CUSTOMER



The edge bonded gasket is designed specifically for an optimal sealing solution

1 Better suited to seal high-pressure applications, especially higher fluid pressures than can be handled by over molded or press-in-place gaskets.

2 These gaskets prevent outside contamination to the elastomeric seal while also eliminating the need for compression limiters.

3 A rigid metal carrier aids in the easy positioning of the gasket for quicker assemblies.

4 Carriers are fitted with protruding tabs along joints to verify the presence of the gasket.



FEATURES AND BENEFITS

Comprising an elastomeric sealing bead, edge bonded gaskets are bonded to the edge of a metal carrier frame.

SIZE

Varying in size from a few inches wide through to four feet across for larger transmission pan applications, edge bonded gaskets are developed to suit a wide range of applications.

TYPICAL USAGE

Oil pans, transmission pans, intake manifolds, AMT units, PTO and oil / water heat exchangers all employ edge bonded gaskets for a robust grip. Many appliance manufacturers have now started introducing these as well.

PERFORMANCE

The ASTM 429 peeling test ensures gasket strength and adhesion for all our edge bonded gaskets.

MATERIAL

Metal carriers are usually made of aluminum, steel, or aluminum coated steel while standard elastomeric gasket compound options include ACM, AEM (Vamac), EPDM, FKM, and HNBR.

These Gaskets have been developed and supplied to customers across the Globe for a wide range of applications. Using tool-less cutting technology we are able to provide both shorter production runs coupled with much quicker development time.

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