



PRODUCT NEWS

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ADHESIVE BACKED GASKETS FROM AUBURN

Auburn offers die cut gaskets with adhesive applied to one or both sides. We are able to apply a variety of pressure sensitive adhesives (PSA) and transfer adhesives to virtually all of the materials we work with.

The use of PSA or transfer adhesives has many distinct advantages.

- eliminates the messy job of cementing during assembly operations.
- assures a uniform amount of adhesive on each part.
- simplifies complex assembly procedures.
- reduces labor time resulting in substantial savings.

Pressure Sensitive Adhesive

A wide variety of pressure sensitive adhesives are available, assuring optimum results regardless of the gasket material, or the material to which it will be affixed. The PSA systems we most commonly use have an ultra-thin polyester carrier separating two layers of adhesive. This provides stability to the adhesive system and allows for two different adhesives, each best suited for the medium to which it will be affixed. The most commonly used are: Acrylic Adhesive/Acrylic Adhesive, used when two porous materials are to be joined, Rubber Adhesive/Rubber Adhesive, used for most non-porous materials, and Acrylic Adhesive/Rubber Adhesive, used where porous and non-porous materials are to be joined together.

Transfer Adhesive

Auburn also stocks other, more specialized PSA's including "Transfer" adhesives, which do not have a polyester carrier. Transfer adhesives should be used when it is important to maintain the flexibility of gaskets or the original materials from which they are derived.

Multi Part Lamination:

With our vast inventory of PSA and transfer adhesives, we can build a single material out of many. Two, three and four layer constructions are common. Fiber and metal foil, for example, can be laminated together to create a new product which can serve both as an insulator and a heat resistant shield.

Common Substrates:

Algo®[®], celcon®[®], chipboard, closed cell sponge, cloth, cork, delrin®[®], Dupont films, duroids, ECH, electrically conductive materials, felt, fibre, flexible vinyl, foams, formex®[®], insulating papers, kraft paper, lexan®[®], mylar®[®], nitrile, neoprene, nomex®[®], nylon, open cell sponge, PVC, phenolics, plastics, polyester®[®], polyethylene, polypropylene, polystyrene, poron®[®], ragpaper, SBR, silicone, sponge, statex®[®], teflon (etched), thermo-tork®[®], urethane, velcar, vellumoid, vinyl foams, volara and many more.