LAMINATED PEELABLE SHIMS

Laminated peelable shims form a rigid structure that functions as a solid but may be reduced to a precise thickness by hand-peeling off layers (foils). Individual layered foils of material can vary in thickness from 0.025mm (0.001”) to 0.1mm (0.004”).

Can be produced in a variety of metallic materials, including titanium, stainless steel, copper, bronze and aluminium, as well as much lighter weight materials, including polyester, polyimide, glass and carbon fibre composites. Metallic foils can be coated for corrosion resistance.

Different peel strengths can be offered dependent on application requirements and customer preference. Peelable shims can be bonded across the entire surface, or just one edge.

EDGEBOND SHIMS

A peelable shim where the foils are bonded across an edge, as opposed to the entire surface of the foils. This permits shims to be easily reused once peeled, if necessary.

HYBRID SHIMS

Where gaps are likely to be larger than most, a hybrid shim, comprising a solid part and a laminated part, will frequently provide the solution.

Hybrid shims offer strength while still providing for micro adjustment as the solid part of the shim can be used as a bearing surface. This option tends to offer a lower cost than a fully laminated shim.



APPLICATIONS

- Aluminium
- Beryllium Copper
- Brass
- Carbon Steel
- Coated Aluminium (Type 1A)
- Cooper
- Mild Steel
- Phospor Bronze
- Stainless Steel
- Titanium
- CERP and GFRP
- Phenolic
- Polyester (PET)
- Polyimide
- Peel
- Mylar

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.