

WHAT IS EASIPEEL?

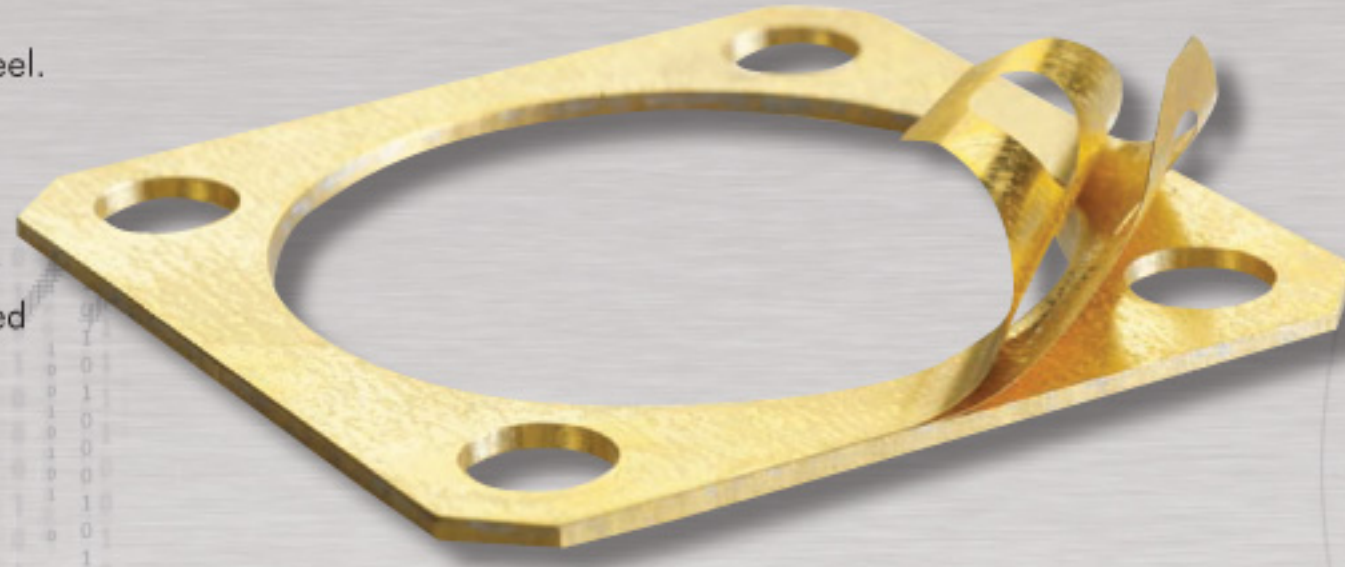
Ford Aerospace is one of a small number of companies manufacturing laminate shimstock, the Ford brand is called Easipeel. Easipeel is a material made up from a number of laminate foils of a chosen thickness bonded together using a resin based adhesive under pressure and heated to form a near solid material.



Standard sheet sizes can be supplied or material can be converted to components in conjunction with customer drawings and specifications.

The materials available are carbon steel, cadmium-plated steel, stainless steel, aluminum and brass, standard sheets can normally be provided straight from stock.

Easipeel is also available as a hybrid sheet that comprises of a solid material with layered foils of a chosen thickness from 0.025mm to 0.1mm. Standard sheet sizes are 1220mm by 610mm.



PRODUCT SPECIFICATIONS

Material	Thickness 0.050mm (0.002") Foil code	Thickness 0.075mm (0.003") Foil code	Thickness 0.1mm (0.004") Foil code	Max Sheet Size (mm)
Steel	ST2	ST3	ST4	1220 x 610
Stainless Steel	SS2	SS3	SS4	1220 x 610
Aluminium	AM2	AM3	AM4	1220 x 610
Brass	BR2	BR3	BR4	1220 x 610

Material	Thickness 0.025mm (0.001") Foil code	Max Sheet Size (mm)
Steel	ST1	1220 x 304
Stainless Steel	SS1	1220 x 304
Brass	BR1	1220 x 152

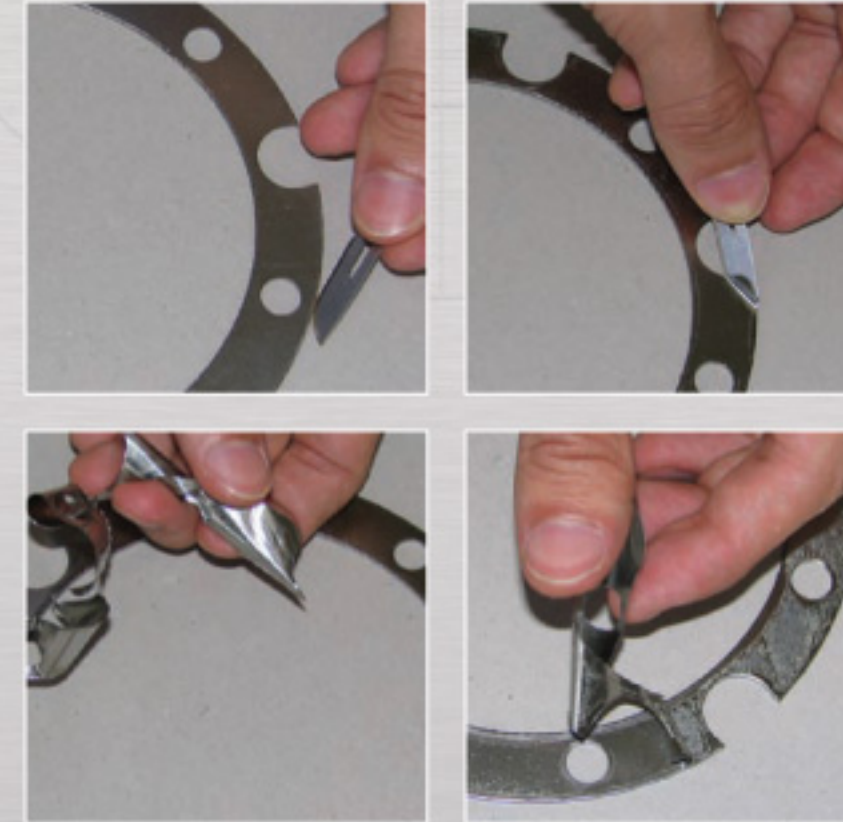


HOW IT WORKS

Laminate shim stock or components are supplied to the thickness designated by the customer and individual foils are peeled off to suit the desired gap and application. The reduction in layers allows for dimensional adjustment in environments where there is a requirement for precision alignment, tolerance accumulation or to compensate for wear.



The Easipeel brand complies with industry specifications including AMS-DTL-22499 and MIL-DTL-22499 requirements.



WHY USE EASIPEEL LAMINATE SHIMS?

- Quick production line adjustment and field repairs
- Reduces assembly times
- No production stoppages
- Dimensional accuracy
- Eliminates grinding and hence the associated costs
- Eliminates need of solid shims inventory
- Compensates for wear and tear (play)



TYPES OF LAMINATES

- Standard Laminates
- Cadmium Plated Laminated Shims
- Hybrid Laminates

MATERIAL SELECTION

- Aluminium
- Brass
- Steel
- Stainless Steel
- On request:
 - Cadmium Plated Steel
 - Copper
 - Phosphor bronze