



## **FEP Anti Moisture Membranes for Engine Fan Cases**

**Manufactured from Non Flammable Corrosion Resistant Teflon® FEP**

- ❖ *Heat Shrinkable*
- ❖ *Proven Technology*

The use of Kevlar mesh around the fan casing of aircraft engines is becoming widely acknowledged as an indispensable safety feature. However, Kevlar can be attacked by the more aggressive liquids which occur within these engines. It is vital therefore that the Kevlar is protected.

Holscot provides a heat shrinkable sleeve manufactured entirely from Teflon\* FEP, the most chemically inert thermoplastic. The protective sleeves and their associated breather outlets are custom manufactured using virgin film (2000 and 4000 microns thick respectively) and chemically etched on both sides to facilitate later repairs if necessary. The sleeve itself can be manufactured to any diameter and width with whatever percentage shrink down is required. The shrink down can be achieved with any high powered hot air gun and a partial bond to the Kevlar is normal practice.

The sleeve is a proven protection barrier to all known Aviation Fluids and is capable of withstanding any normal maintenance knocks and bumps without compromising its efficiency.

A Repair regime using Self Adhesive Tape of FEP has been developed to facilitate on site repairs.

### **Holscot Fluoroplastics Ltd**

Alma Park Road

Alma Park Industrial Estate

Grantham

Lincs NG31 9SE

England

**Tel No +44 (0)1476 574771 Fax No +44 (0)1476 564542**

**Web Site [www.holscot.com](http://www.holscot.com) E mail [sales@holscot.com](mailto:sales@holscot.com)**



TEFLON LICENSED PROCESSOR

Teflon is the Registered Trade Mark of DuPont de Nemours