

TECHNICAL DATA

WINDSHIELDS

Hawker 750, 800, 800 (U-125A), 800XP, 850XP, 900XP and 1000



Hawker 1000

Main Windshield

Features

Glass-Faced Acrylic

Benefits

- Combines toughness of glass with lightweight benefits of acrylic
- Outboard glass ply provides chemical and abrasion resistance for increased service life
- Design in use on many commercial programs

Herculite® II Chemically Strengthened Glass Outboard Ply

- High strength-to-weight ratio
- Lightweight window
- Superior optical quality

Urethane Interlayer

- Provides maximum adhesion for resistance to delamination and extends service life
- Elasticity at low temperatures reduces potential for delamination and cold chipping

Nesatron® Anti-ice System

- Full-coverage heating
- Excellent heating uniformity
- Optical clarity
- No burnout from electrical hot spots
- Three-zone heating

PR-1425CF Polysulfide Moisture Seal

- Chromate-free to be eco-friendly
- Fast curing to get aircraft flying sooner after maintenance
- Low moisture vapor transmission for better resistance to moisture ingress

Bird-Impact Resistant

- Designed to withstand impact of a 4-pound bird at 335 knots

Surface Seal® Coating

- Hydrophobic coating improves water shedding for better visibility in rain conditions

Antistatic Coating

- Antistatic film system to protect against effects of P-static buildup

Replacement windshields produced by PPG Aerospace for these Hawker airplanes are designed to provide operators with outstanding durability and reliability.

The PPG windshields are glass-faced acrylic, combining the toughness and chemical resistance properties of glass with the strength and weight-saving benefits of plastic. This design configuration has been used successfully on military, general aviation and large-transport aircraft programs for decades. With Parts Manufacturer Approval, PPG is now able to offer its unique glass-faced acrylic windshields for these Hawker airplanes.

The windshield's outboard glass ply is *HERCULITE*® II chemically strengthened glass that has a high strength-to-weight ratio. The *NESATRON*® heating system provides excellent durability with high visible light transmission, low reflectance and gradient control versatility that allows uniform heating even of irregular shapes.

Operators know they can count on PPG Aerospace for transparencies that provide significant value because of their reduced life-cycle cost as a result of their exceptional service life.

SURFACE SEAL® Coating by PPG

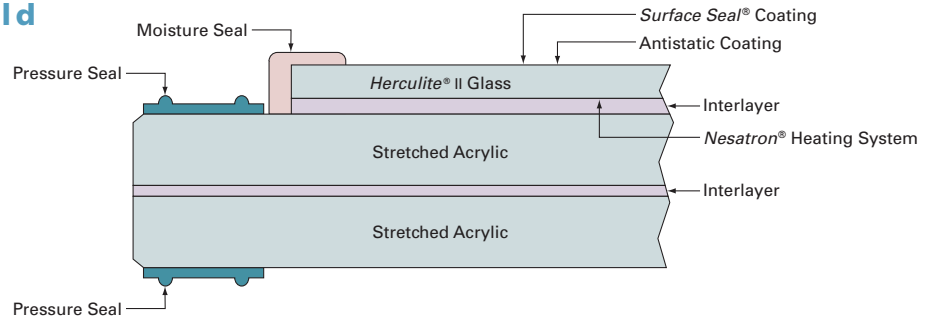
Surface Seal coating by PPG is applied to all replacement windshields for Hawker 750, 800, 800 (U-125A), 800XP, 850XP, 900XP and 1000 aircraft. Hydrophobic *Surface Seal* coating dramatically improves the ability of the windshields to shed water, providing the ultimate in visibility for pilots during wet conditions. *Surface Seal* coating kits are available for field application.

Hump Seal Repair Kits

A windshield's outboard moisture seal, or hump seal, is subjected to wind and rain erosion and UV exposure, causing it to degrade over time. A well-maintained seal protects against moisture ingress, a leading cause of premature service life failure. Seals can be repaired to OEM specification using PPG hump seal repair kits. Designed for specific aircraft, the kits contain everything needed to perform on-wing repair of outboard moisture seals and extend windshield service life. Ask your PPG representative for details.

HAWKER 750, 800, 800 (U-125A), 800XP, 850XP, 900XP AND 1000

Main Windshield



Part Numbers

Pilot Windshield	196600-01
Copilot Windshield	196600-02
Hump Seal Repair Kit	HSKHAWKER800

Ordering Information

Orders may be placed through PPG Aerospace's worldwide network of application support centers (ASCs). For the ASC nearest you, visit www.ppgaerospace.com.

In North America, call toll-free +1 (800) AEROMIX.

Pricing, warranty and delivery details are available from your PPG Aerospace sales representative.



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