

TRANSPARENCY BULLETIN

FALL 2008

CANOPY TRANSPARENCIES

Lockheed Martin F-16



U.S. Air Force photo/Staff Sgt. Eric T. Sheler

Canopy Transparencies

Features

Original-Equipment Supplier

Bird-Strike Capabilities

Proprietary Protective Coating

New or Refurbishment

Benefits

- OEM since 1974
- Proven reliability
- Latest design and upgrades
- Worldwide customer and technical support

- 350-knot or 550-knot bird-strike resistant

- Superior performance
- Environmental durability

- Refurbishment available on 550-knot transparencies
- Refurbished warranted as "new"

PPG Aerospace – Transparencies is the leading and most experienced manufacturer of windshields, canopies, windows, blast barriers and specialty transparencies for military applications. With the industry's broadest capabilities, PPG is able to design and produce advanced-technology transparencies to meet the demanding requirements of military flight operations.

PPG offers a variety of transparent structural materials to meet specific design and performance requirements. They include *Herculite*® II chemically strengthened glass that provides superior strength and durability, special-composition glass that incorporates enhanced optical properties such as high light transmittance, acrylic that is strong and lightweight, and polycarbonate that has superior impact resistance and a high strength-to-weight ratio. PPG interlayers bond the plies together and provide bird-impact resistance and pressure "failsafe" capability. In-house capabilities allow PPG to engineer and produce interlayers specially tailored to aerospace applications.

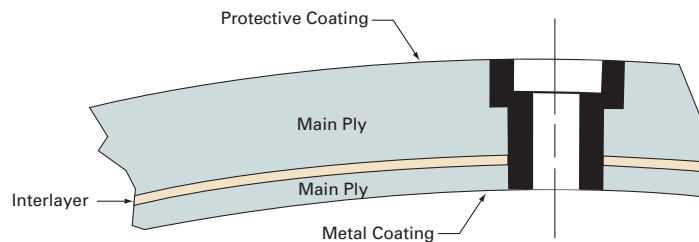
PPG offers advanced coatings that protect transparencies and aircrews from various operational or environmental threats. *Sierracote*®, *NESA*® and *Nesatron*® thin metal films form the basis of anti-ice/anti-fog electrical heating systems. Other PPG coatings and technologies offer low-observables performance, solar heat reduction and laser protection. These technologies are designed to be compatible with night vision systems.

Part Numbers

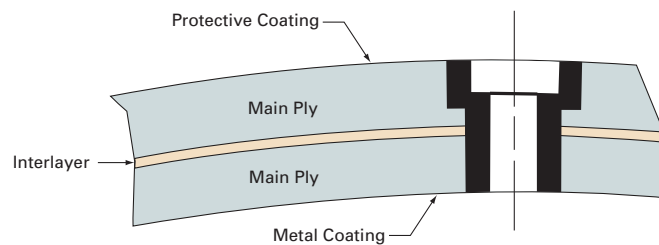
Canopy Transparencies	U.S. National Stock No.	PPG Part No.	Services Available
F-16 A/C Forward 350-Knot Clear	1560-01-359-8227	183100-03	New
F-16 A/C Forward 350-Knot ITO	1560-01-315-0376	183100-61	New
F-16 A/C Forward 550-Knot Clear	1560-01-415-4506	184100-07	New, refurbishment
F-16 A/C Forward 550-Knot ITO/ESD	1560-01-415-4502	184100-59/-63	New, refurbishment
F-16 A/C Aft Clear	1560-01-113-9483	163200-03	New
F-16 A/C Aft ITO	1560-01-359-2902	163200-61	New
F-16 B/D Forward 350-Knot Clear	1560-01-359-8226	183300-03	New
F-16 B/D Forward 350-Knot ITO	1560-01-315-0375	183300-61	New
F-16 B/D Forward 550-Knot Clear	1560-01-415-4503	184300-01	New, refurbishment
F-16 B/D Forward 550-Knot ITO/ESD	1560-01-497-7174	184300-61/-63	New, refurbishment
F-16 B/D Aft 350-Knot Clear	1560-01-113-9486	163400-03	New
F-16 B/D Aft 350-Knot ITO	1560-01-315-0374	163400-61	New
F-16 B/D Aft 550-Knot Clear	1560-01-497-4623	183400-01	New, refurbishment
F-16 B/D Aft 550-Knot ITO/ESD	1560-01-497-7816	183400-61/-63	New, refurbishment

LOCKHEED MARTIN F-16

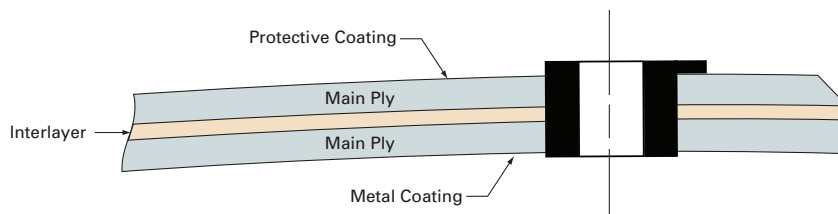
A/C Forward 550-Knot Canopy Transparency



B/D Forward 550-Knot Canopy Transparency



B/D Aft 550-Knot Canopy Transparency



PPG transparencies have flown more military missions than those of any other supplier. The company is unsurpassed in its transparency technical capabilities and infrastructure, OEM and operator support, and ability to supply parts worldwide on a timely and affordable basis.

Additional Information

Details on pricing, warranty and delivery are available by contacting your PPG Aerospace – Transparencies sales representative or customer service representative.



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