



F-16 Transparencies & Canopy Dry Seals

Texstars raised the technology level of the transparency with the wraparound canopy, originally designed and built for the F-16.

Still one of Texstars' premier products today, the F-16 canopy has set the industry standard for product excellence and has contributed to both Texstars' superior reputation in the world-wide F-16 community and the F-16's dominant position in the fighter aircraft market.



F-16 Transparencies

Superior quality, technology, and performance for F-16 operators world-wide

Superior Design

Texstars F-16 transparencies are designed to meet or exceed all operator performance requirements. Superior cross-section designs provide the increased bird-strike protection associated with Texstars transparencies, some of which will withstand the impact of a 4-pound (1.8 kg) bird at 550 knots. Sophisticated coating systems provide optimum light transmission profiles and environmental durability.

AS 9100 Quality & Precision Manufacturing

These high-quality F-16 transparencies are manufactured at our AS 9100 - certified Texas facility. Precision tooling and manufacturing techniques ensure that Texstars transparencies are fully interchangeable, resulting in predictable change-out experience for field personnel.

F-16 Canopy Dry Seals

Innovative dry seals for increased readiness, lower life cycle cost

Pressure Seal

Texstars' Dry Seal system Pressure Seal is installed between the canopy frame and transparency to establish an airtight seal. It eliminates the need for wet sealant between the frame and transparency.

Fairing Seal

The Fairing Seal is installed atop the aluminum canopy fairing, and provides a seal against rain and water. Manufactured from special conductive material, it also provides a secondary channel for the dissipation of electrostatic charge when used in conjunction with Texstars' ESD-coated transparencies.

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AS9100-B
Nadcap AC7118
ISO 9001:2000

TSI PN	NOMENCLATURE	DESCRIPTION	NSN
5004550-09	F16ACFIE550	F-16 A/C FWD ITO/ESD 550Kt	1560-01-462-2040WF
5004550-11	F16ACFC550	F-16 A/C FWD CLEAR 550Kt	1560-01-462-4551WF
5002237-03	F16ACAC	F-16 A/C AFT CLEAR	1560-01-113-9483WF
5003139-03	F16ACAI	F-16 A/C AFT ITO SOLAR	1560-01-359-2902WF
5006550-01	F16BDFC550	F-16 B/D FWD CLEAR 550Kt	1560-01-497-6599WF
5006550-03	F16BDFIE550	F-16 B/D FWD ITO/ESD 550Kt	1560-01-497-5956WF
5004270-01	F16BDAC550	F-16 B/D AFT CLEAR 550Kt	1560-01-497-5959WF
5004270-03	F16BDAl550	F-16 B/D AFT ITO 550Kt	1560-01-497-5078WF

Customer Support

Texstars provides extensive customer support direct from Texas and through a network of local agents located around the globe. In addition, an increasing amount of information is available at Texstars' internet web site. We encourage customers to contact Texstars whenever we may be of assistance.

DESCRIPTION	TSI PN	NSN
A/C Fwd Pressure Seal	5003825-10	5330-01-351-2120WF
A/C Aft Pressure Seal	5003826-01	5330-01-351-2121WF
B/D Fwd Pressure Seal	5003827-10	5330-01-351-2122WF
B/D Aft Pressure Seal	5003828-10	5330-01-351-2123WF
A/C Conductive Fairing Seal	5003864-03	5330-01-353-7225WF
B/D Fwd Conductive Fairing Seal	5003864-07	5330-NC-E50-1084WF
B/D Aft Conductive Fairing Seal	5003864-09	5330-NC-E50-1085WF
Conductive Fairing Seal Roll (50 ft.)	5003864-01	5330-01-353-7224WF
A/B Fwd Nose Cover	5004176-30	1560-01-437-5665WF
C/D Fwd Nose Cover	5004176-10	1560-01-420-9453WF

Authorization for use and ordering information is contained in the F-16 Technical Order (T.O.) and Illustrated Parts Book (IPB) associated with the F-16 canopy.

Forward Nose Cover

The Forward Nose Cover protects the nose of the canopy transparency and the forward ends of the fairing seals. By resisting aerodynamic forces, the Forward Nose Cover prevents potential damage to the leading edge of the transparency coating as well as the Fairing Seals.

Patent Listing.

US Patent No. 5,277,384 (Quick Seal system); US Patent No. Des. 341,122 (Pressure Seal); US Patent No. Des. 344,489 (Fairing Seal)