

Environmental Protection Layer (EPL)

Special Tools, Support Equipment, Consumables, & Spare Parts



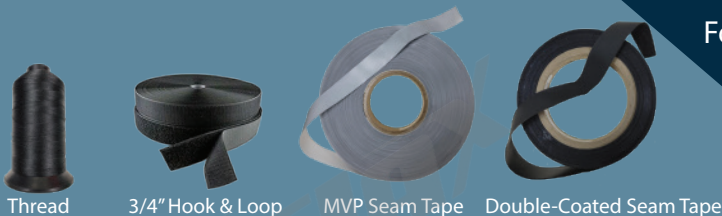
Maintenance tasks for the CWU-111/P (EPL) include **inflation/leak testing, inspection for cleanliness/damage, repair, and removal/replacement** of damaged parts.

The design **facilitates easy routine maintenance** such as sock, neck seal, and wrist seal replacement. Maintenance procedures are described in the **IAE Technical Order 14P3-1-191**.

Special tools, support equipment, consumables, and spare parts are needed for the various maintenance tasks associated with the procurement and issuance of the EPL. See reverse for a list of each item with its associated part number.

The CWU-111/P (EPL) is **currently fielded** to the United States Air Force F-22 pilots.

EPL Consumables



For more information or questions regarding procurement, please contact: Info@tiax-llc.com.

EPL Spare Parts



EPL Special Tools



EPL Support Equipment



**LEADING EDGE PROTECTION
FOR THE 21st-CENTURY WARFIGHTER**



EPL – Special Tools			
Part Number	NSN	Nomenclature	Use
TXF240007-A-XS TXF240007-A-S TXF240007-A-M TXF240007-A-L TXF240007-A-XL TXF240007-A-XXL	XS – 8475-01-699-1593 S – 8475-01-699-1781 M – 8475-01-699-1786 L – 8475-01-699-1788 XL – 8475-01-699-1790 XXL – 8475-01-699-1792	EPL Restrainer Mesh (6 sizes)	Prevents EPL stretch panels from over expansion during inflation/leak testing
TXF240009-A	4920-01-716-0923	EPL Wrist Seal Replacement Jig	Provides work surface when heating EPL wrist seal for replacement
TXF240010-A	Pending	EPL Neck Seal Replacement Jig	Provides work surface when heating EPL neck seal for replacement
TXF240011-A	4920-01-715-9399	2 by 2-inch platen	EPL Neck Seal Replacement
TXF240012-A	4920-01-716-1045	3 by 5-inch platen	EPL Repairs
DK8	3610-01-600-8131	Label Printing Press (Heat Press)	Apply heat to EPL for repairs
EA11A	6685-01-701-3123	Thermocouple Reader	Verify temperature of heat press
EPL – Support Equipment			
Part Number	NSN	Nomenclature	Use
TXF240006-A	4920-01-715-9419	EPL Leak Test Kit	Tools and equipment for inflation/leak testing the EPL
445703	6685-01-588-4791	Digital Thermometer	EPL testing
EPL – Consumables			
Part Number	NSN	Nomenclature	Use
A-A-55126	N/A	Fastener, Hook, 3/4 inch, Black, Type II, Class 1	EPL Neck Seal cord lock repair
A-A-55126	8315-00-066-5054	Fastener, Loop, 3/4 inch, Black, Type II, Class 1	EPL Neck Seal cord lock repair
TXF240014-A	Pending	Tape, Seam, Moisture Vapor Permeable (MVP), 1 inch	Seal EPL Sock seam after sock attachment/replacement; repair holes/tears
TXF240015-A	Pending	Tape, Seam, Double-Coated, 7/8 inch	Repair holes/tears in double-coated stretch fabric
A-A-59826	N/A	Thread, Nylon, TEX 70, Twisted, Bonded, Multiple Cord, Type II, Class A, Size E, Black	Attach EPL Socks to garment
EPL – Spare Parts			
Part Number	NSN	Nomenclature	Size
TXF240001-A	8475-01-696-6411	Replacement Neck Seal	One size
TXF240002-A-S TXF240002-A-M TXF240002-A-L	S – 8475-01-694-5941 M – 8475-01-696-8419 L – 8475-01-696-8420	Replacement Wrist Seal (3 sizes)	Small, Medium, Large
TXF240003-A	8475-01-697-7515	Replacement Wrist Seal	Customizable