## **Environmental Protection Layer (EPL)**



The CWU-111/P (EPL) provides
protection in harsh environments by
retaining body heat and blocking out
water. Its breathable moisture vapor
permeable (MVP) fabric provides both cold
weather protection and cold water protection,
while a double-coated waterproof stretch fabric
provides mobility and comfort.

This novel underlayer reduces bulk, and is lightweight, fast-drying, and abrasion-resistant. The socks are issued separately and attached in shops for a custom fit. An adjustable neck seal provides improved comfort and evaporative cooling. It can be left open when not required but can be adjusted snug against the neck to provide a watertight seal. The EPL design facilitates routine maintenance such as sock, neck seal, and wrist seal replacement.

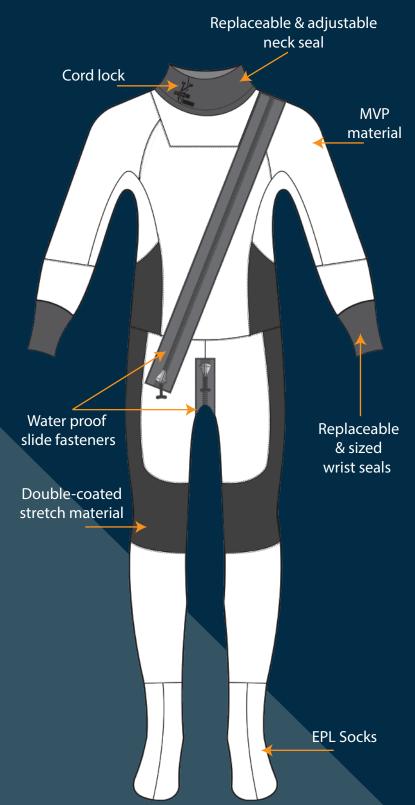
The CWU-111/P is currently fielded to United States Air Force F-22 pilots.

The CWU-111/P (EPL) **integrates with** the **CWU-112/P** Undergarment Outfit, Extreme Cold Weather (Thermal Undergarment); **PRU-74/P** Flight Suit (Coverall); **PRU-76/P** Undergarment, Chemical, Biological, Radiological Layer (CBRL); **PRU-72/P** Survival Vest; **PRU-73/P** Pressure Vest; and the **PRU-75/P** Life Preserver Unit (LPU).

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

LEADING EDGE PROTECTION FOR THE 21st-CENTURY WARFIGHTER

## CWU-111/P (EPL) Features



CWU-111/P Undergarment Outfit, Extreme Cold Weather (EPL)		
Size	Part Number	NSN
X-Small Short	TXF400001-A-XSS	8475-01-687-9791
X-Small Regular	TXF400001-A-XSR	8475-01-687-9796
Small Short	TXF400001-A-SS	8475-01-687-9798
Small Regular	TXF400001-A-SR	8475-01-687-9797
Small Tall	TXF400001-A-ST	8475-01-687-9801
Medium Short	TXF400001-A-MS	8475-01-687-9802
Medium Regular	TXF400001-A-MR	8475-01-687-9805
Medium Tall	TXF400001-A-MT	8475-01-687-9806
Medium X-Tall	TXF400001-A-MXT	8475-01-687-9813
Large Short	TXF400001-A-LS	8475-01-687-9812
Large Regular	TXF400001-A-LR	8475-01-687-9810
Large Tall	TXF400001-A-LT	8475-01-687-9817
Large X-Tall	TXF400001-A-LXT	8475-01-687-9818
X-Large Regular	TXF400001-A-XLR	8475-01-687-9821
X-Large Tall	TXF400001-A-XLT	8475-01-687-9822
X-Large X-Tall	TXF400001-A-XLXT	8475-01-687-9824
XX-Large Regular	TXF400001-A-XXLR	8475-01-687-9823
XX-Large Tall	TXF400001-A-XXLT	8475-01-687-9825
XX-Large X-Tall	TXF400001-A-XXLXT	8475-01-687-9826
CWU-111/P Undergarment Outfit, Extreme Cold Weather (EPL) Socks		
Size	David Maria la au	NCN
Size	Part Number	NSN
03	TXF400002-A-03	8475-01-687-9986
03	TXF400002-A-03	8475-01-687-9986
03 04	TXF400002-A-03 TXF400002-A-04	8475-01-687-9986 8475-01-687-9992
03 04 05	TXF400002-A-03 TXF400002-A-04 TXF400002-A-05	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999
03 04 05 06	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993
03 04 05 06 07	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993
03 04 05 06 07 08	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-08	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9994 8475-01-687-9996
03 04 05 06 07 08 09	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-08  TXF400002-A-09	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-688-0001
03 04 05 06 07 08 09	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-08  TXF400002-A-09  TXF400002-A-10	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9994 8475-01-687-9996 8475-01-688-0001 8475-01-688-0003
03 04 05 06 07 08 09 10	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-08  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9996 8475-01-688-0001 8475-01-688-0003
03 04 05 06 07 08 09 10 11	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-688-0001 8475-01-688-0003 8475-01-688-0007
03 04 05 06 07 08 09 10 11 12 13	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9996 8475-01-688-0001 8475-01-688-0003 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009
03 04 05 06 07 08 09 10 11 12 13	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9996 8475-01-688-0001 8475-01-688-0003 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009
03 04 05 06 07 08 09 10 11 12 13 14	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-688-0001 8475-01-688-0003 8475-01-688-0007 8475-01-688-0009 8475-01-688-0010 Assembly
03  04  05  06  07  08  09  10  11  12  13  14  Residual	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-07  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-687-9996 8475-01-688-0001 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009 8475-01-688-0010 Assembly NSN 8475-01-696-6411
03  04  05  06  07  08  09  10  11  12  13  14  Residual	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A  Part Number  TXF240001-A	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-687-9996 8475-01-688-0001 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009 8475-01-688-0010 Assembly NSN 8475-01-696-6411
03  04  05  06  07  08  09  10  11  12  13  14  Resident Size  One size	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A  Part Number  TXF240001-A  eplacement Wrist Seal A	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-688-9996 8475-01-688-0001 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009 8475-01-688-0010 Assembly NSN 8475-01-696-6411 Assembly
03  04  05  06  07  08  09  10  11  12  13  14  Residual	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A  Part Number  TXF240001-A  eplacement Wrist Seal A  Part Number  TXF240002-A-S	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-687-9996 8475-01-688-0001 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009 8475-01-688-0010 Assembly NSN 8475-01-696-6411 Assembly NSN 8475-01-694-5941
03  04  05  06  07  08  09  10  11  12  13  14  Ro  Size  One size  Small  Medium	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A  Part Number  TXF240001-A  eplacement Wrist Seal A  Part Number  TXF240002-A-S  TXF240002-A-M	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-687-9996 8475-01-688-0001 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009 8475-01-688-0010 Assembly NSN 8475-01-696-6411 Assembly NSN 8475-01-696-6411 8475-01-696-8419
03  04  05  06  07  08  09  10  11  12  13  14  Residual	TXF400002-A-03  TXF400002-A-04  TXF400002-A-05  TXF400002-A-06  TXF400002-A-07  TXF400002-A-09  TXF400002-A-10  TXF400002-A-11  TXF400002-A-12  TXF400002-A-13  TXF400002-A-14  eplacement Neck Seal A  Part Number  TXF240001-A  eplacement Wrist Seal A  Part Number  TXF240002-A-S	8475-01-687-9986 8475-01-687-9992 8475-01-687-9999 8475-01-687-9993 8475-01-687-9994 8475-01-687-9996 8475-01-688-0001 8475-01-688-0007 8475-01-688-0008 8475-01-688-0009 8475-01-688-0010 Assembly NSN 8475-01-696-6411 Assembly NSN 8475-01-694-5941





