

Essex offers both the **PBE (PROTECTIVE BREATHING EQUIPMENT)** for crewmembers and the **SCU (SELF-CONTAINED UNIT)** for passengers and crew to provide compressed aviator grade oxygen in an aircraft emergency. The PBE is currently used by nearly every US commercial carrier and has FAA TSO-C116, TSO-C99, CAA, EASA, CAAC and ANAC approvals.

PACKAGING

- Protects Against Toxic Fumes & Smoke
- Dons in Just 15 Seconds
- Wide Range of Visibility
- No Mouth Piece Allows for Communication
- One Size Fits Most Adults

SOFT POUCH ONLY

• 10 ½ Year Shelf Life

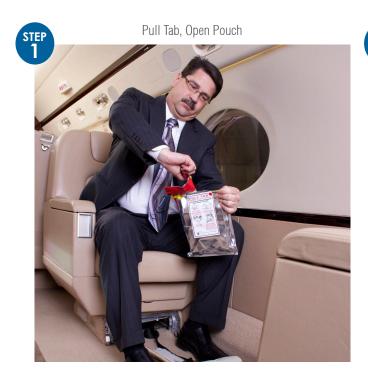
	PBE	SCU
W"x L"x H" IN FABRIC POUCH	16 x 2 x 11	9½ x 2 x 7½
WEIGHT	3.3 LBS.	2 LBS.
PROVIDES PROTECTION AGAINST	TOXIC FUMES, SMOKE & HEAT	
TIME DURATION (DEPENDS ON WORKLOAD & PHYSICAL CONDITION)	UP TO 60 MINUTES	20 MINUTES
SOURCE OF BREATHABLE AIR	AVIATOR GRADE COMPRESSED OXYGEN. $0_{\rm s}$ CYLINDER, WITH OVERPRESSURE PROTECTION TO PREVENT RUPTURE.	
SYSTEM TYPE	CLOSED CIRCUIT REBREATHER SYSTEM	
HERMETICALLY SEALED	✓	
CARBON DIOXIDE CONTROL	PATENTED PASSIVE SCRUBBERS	
DONNING TIME	15 SECONDS	
CARBON DIOXIDE (MAX AVERAGE)	4%	
OXYGEN (MINIMUM VALUE)		8%
OXYGEN ACTIVATION	SEMI-AUTOMATIC MANUAL	
SHELF LIFE	10-YEARS 6-MONTHS FROM THE DATE OF MANUFACTURE	
HUMIDITY INDICATOR	√	
SERVICE INDICATOR	√	<u> </u>
TAMPER EVIDENT SEALS	V	ADJUITO MUTUOLIT AD HIGTMENT
SIZING/FITTING	FITS 5TH TO 95TH PERCENTILE ADULTS WITHOUT ADJUSTMENT	
VISIBILITY	270°	
ANTI-FOG	· · · · · · · · · · · · · · · · · · ·	
ORAL COMMUNICATION	EFFECTIVE AT 12 FEET 104°F MAX @ 68°F AMBIFNT	
INSIDE HOOD TEMPERATURE		
OPERATING TEMPERATURE RANGE STOWAGE TEMPERATURE RANGE	5° F TO 120° F	
CABIN PRESSURE ALTITUDE	-20° F TO 185° F	
CABIN PRESSURE ALTITUDE	8,000 FEET RADIANT HEAT - 1.0 BTU/SQ. FT. FOR UP TO 60 SECONDS,	
THERMAL RESISTANCE	DRIPPING THERMOPLASTIC - 390°F, TRANSIENT FLAME - 1800°F FOR 5 SECONDS	
PROTECTION FACTOR RATIO (TYPICAL)	260 @ 80 WATTS	
VARIOUS STOWAGE OPTIONS	15 DIFFERENT STOWAGE OPTIONS AVAILABLE	_

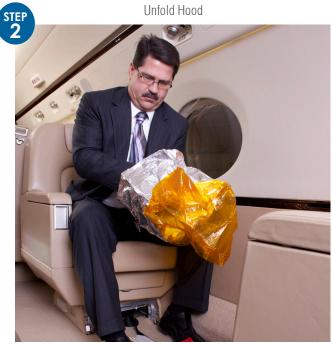
SOFT POUCH AND HARD CASES AVAILABLE

WARNING: THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO www.P65Warnings.ca.gov.

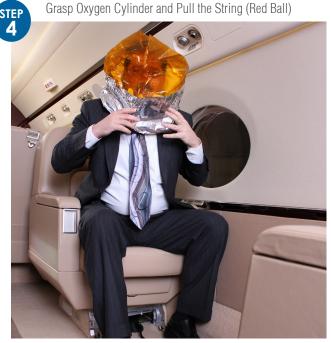
TYPICAL DONNING PROCEDURE

EXAMPLE SHOWN IS FOR THE SCU ONLY









WARNING: Remove the hood immediately if the hood fails to slowly inflate after donning or if it collapses up against the face.

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