



PROTECTIVE BREATHING EQUIPMENT (PBE)

FEATURES

- 15 minutes minimum of protection
- Anti-fog coating
- Multiple packaging options
- 270° visibility
- 10+ year shelf life
- FAA TSO-C116, TSO-C99, CAA, EASA, CAAC and ANAC approved

The Protective Breathing Equipment (PBE) supplies oxygen to crewmembers through the use of compressed aviator grade oxygen. The PBE dons in only 15 seconds, with a unique design that eliminates the need for an oral/nasal mask. The amber-tinted hood provides 270° of visibility and the elastic neck seal requires no adjustment. The PBE provides a minimum of 15 minutes of protection and one size fits most adults. This lightweight device takes very little stowage space and is currently used by nearly every U.S. commercial carrier, as well as many airlines in Europe, Asia and South America.



W"x L"x H"	16 x 2 x 11 (HOOD FOLDED IN POUCH. NO BRACKET)
WEIGHT	3.2 LBS (HOOD AS WORN. NO POUCH)
TIME DURATION	UP TO 60 MINUTES, 15 MINUTES MINIMUM UNDER HEAVY WORKLOAD
SOURCE OF BREATHABLE AIR	AVIATOR GRADE COMPRESSED OXYGEN. O ₂ CYLINDER, WITH OVERPRESSURE PROTECTION TO PREVENT RUPTURE.
CARBON DIOXIDE CONTROL	PATENTED PASSIVE SCRUBBERS
DONNING TIME	LESS THAN 15 SECONDS
CARBON DIOXIDE (MAX AVERAGE)	4%
OXYGEN (MINIMUM VALUE)	18%
OXYGEN ACTIVATION	SEMI-AUTOMATIC
SHelf LIFE	10-YEARS 6-MONTHS FROM THE DATE OF MANUFACTURE
SIZING/FITTING	FITS 5TH TO 95TH PERCENTILE ADULTS WITHOUT ADJUSTMENT
VISIBILITY	270°
ORAL COMMUNICATION	EFFECTIVE AT 12 FEET
INSIDE HOOD TEMPERATURE	104°F MAX @ 68°F AMBIENT
OPERATING TEMPERATURE RANGE	5° F TO 120° F
STOWAGE TEMPERATURE RANGE	-20° F TO 185° F
CABIN PRESSURE ALTITUDE	8,000 FEET
THERMAL RESISTANCE	RADIANT HEAT - 1.0 BTU/SQ. FT. FOR UP TO 60 SECONDS, DRIPPING THERMOPLASTIC - 390°F, TRANSIENT FLAME - 1800°F FOR 5 SECONDS
PROTECTION FACTOR RATIO (TYPICAL)	260 @ 80 WATTS
STOWAGE OPTIONS	MULTIPLE STOWAGE OPTIONS AVAILABLE