



## 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.



<b>W"x L"x H"</b>	16 x 2 x 11 (HOOD FOLDED IN POUCH. NO BRACKET)
<b>WEIGHT</b>	3.2 LBS (HOOD AS WORN. NO POUCH)
<b>TIME DURATION</b>	UP TO 60 MINUTES, 15 MINUTES MINIMUM UNDER HEAVY WORKLOAD
<b>SOURCE OF BREATHABLE AIR</b>	AVIATOR GRADE COMPRESSED OXYGEN. O <sub>2</sub> CYLINDER, WITH OVERPRESSURE PROTECTION TO PREVENT RUPTURE.
<b>CARBON DIOXIDE CONTROL</b>	PATENTED PASSIVE SCRUBBERS
<b>DONNING TIME</b>	LESS THAN 15 SECONDS
<b>CARBON DIOXIDE (MAX AVERAGE)</b>	4%
<b>OXYGEN (MINIMUM VALUE)</b>	18%
<b>OXYGEN ACTIVATION</b>	SEMI-AUTOMATIC
<b>SHelf LIFE</b>	10-YEARS 6-MONTHS FROM THE DATE OF MANUFACTURE
<b>SIZING/FITTING</b>	FITS 5TH TO 95TH PERCENTILE ADULTS WITHOUT ADJUSTMENT
<b>VISIBILITY</b>	270°
<b>ORAL COMMUNICATION</b>	EFFECTIVE AT 12 FEET
<b>INSIDE HOOD TEMPERATURE</b>	104°F MAX @ 68°F AMBIENT
<b>OPERATING TEMPERATURE RANGE</b>	5° F TO 120° F
<b>STOWAGE TEMPERATURE RANGE</b>	-20° F TO 185° F
<b>CABIN PRESSURE ALTITUDE</b>	8,000 FEET
<b>THERMAL RESISTANCE</b>	RADIANT HEAT - 1.0 BTU/SQ. FT. FOR UP TO 60 SECONDS, DRIPPING THERMOPLASTIC - 390°F, TRANSIENT FLAME - 1800°F FOR 5 SECONDS
<b>PROTECTION FACTOR RATIO (TYPICAL)</b>	260 @ 80 WATTS
<b>STOWAGE OPTIONS</b>	MULTIPLE STOWAGE OPTIONS 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](http://www.P65Warnings.ca.gov).