

PROTECTIVE BREATHING EQUIPMENT (PBE)  
LINE CARD



**P/N 6408-005**

Our Training Protective Breathing Equipment (PBE) feels and operates like the real thing. The training PBE comes complete with a simulated ignition cord, nose cone, voice box, head band and weighed pouch. The hood is similar in shape, colour and weight to the Original Equipment Manufacturer (OEM) PBE.

- Color** Grey (Dove 99) / Orange
- Appearance** Matt, Long front with simulated tank in front pocket
- Weight** 7lbs (3.2kg) / Weighed Simulated Tank: 5lbs (2.25kg)
- Dimensions** 32" x 9" x 8.5" (Wider at base, with weighed tank – 13.5" W) (81.25cm x 22.8cm x 21.5cm (Wider at base, with weighed tank – 34.25cm W)
- Packed Dimensions (Box)** 10"x 8" x 6" (25.4cm x 20.3cm x 15.25cm)
- Packed Dimensions (Clear bag)** 16" x 20" (40.6cm x 50.8cm)
- Activation Simulation** Ignition pull cord with weighed pouch in front
- Donning Speed** Under 15 seconds
- Material** PVC/Knit Cloth – Fire Retardant & UV Resistant
- Visor** Clear Vinyl, Fog resistant (tested between 2°C & 30°C)
- Cleaning** Machine washable (cloth – gentle cycle); Mild soap
- Neck Seal** Replaceable. PBE includes one non-latex neck seal installed
- Voice Box** Replicated voice box, with silicone yellow ring
- Replaceable Component** Nose piece (p/n 5667-001) – Head Band (p/n 6408-HB)
- Accessories** Re-usable grey pouch (p/n 6423-302) – Re-usable storage box (p/n 6423-300) – Metal Bulkhead Bracket (p/n 6423-205)
- Markings** Front stencils "CREW" and "FOR TRAINING USE ONLY"

13.5"



Simulated Activation Cord



**P/N 6444-105**

Our Training Protective Breathing Equipment (PBE) feels and operates like the real thing. The training PBE comes complete with a simulated ignition candle, rear actuation pin, head band and weighted dummy O<sup>2</sup> generator. The hood is similar shape, colour and weight to the Original Equipment Manufacturer (OEM) PBE.

- Color** Sunbrella Orange
- Appearance** Triangular, sturdy textile exterior ending at the shoulder-line
- Weight** 4.13lbs (1874g) / O<sup>2</sup> Igniter simulator 3.3lbs (1493g)
- Dimensions** 18.5" x 15" x 15" (11.75" hood + 3.25" Igniter simulator) 47cm x 38.1cm x 38.1cm (29.8cm x 8.3cm)
- Packed Dimensions (Box)** 8.8" x 4.7" x 10" (22.4cm x 11.9cm x 25.4cm)
- Activation Simulation** Simulated O<sup>2</sup> generator candle, which is reset in seconds
- Donning Speed** Under 15 seconds
- Material** Acrylic Fibre, Woven – 9¼ oz./yd<sup>2</sup>
- Visor** Clear Vinyl, 0.02" thick, Fog resistant (tested between 2°C & 30°C)
- Cleaning** Machine Washable (cloth – gentle cycle) – Mild Soap
- Neck Seal** Replaceable. PBE includes one non-latex neck seal installed
- Replacement Parts** Pull-pins (p/n 6416-208)
- Accessories** Re-usable charcoal pouch (p/n 6444-104) – Re-usable storage box (p/n 6444-106)
- Markings** Front sewn on Label "For training use only / Seulement pour Entraînement"

15"



15"



One (1) non-latex neck piece is included with each PBE.

**Type 1  
Drager Style**

	P/N
PBE Type 1, Assembly	6408-005
Reusable Pouch, PBE Type 1	6423-302
Box Assembly, PBE Type 1	6423-300
Bulkhead Bracket	6423-205
Headband	6408-HB
Nose Piece Plastic	5667-001



**Type 2  
BE Aerospace**

(Puritan Bennett)	P/N
PBE Type 2, Assembly	6483-001
Re-Usable Pouch, PBE Type 2	6438-304
Box Assembly - Left, PBE Type 2	6438-302
Box Assembly - Right, PBE Type 2	6438-301



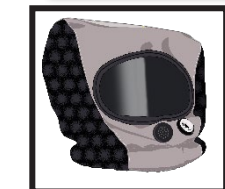
**Type 3  
Avox-Scott  
Zodiac**

	P/N
PBE Type 3, Assembly	6444-105
Re-Useable Pouch, PBE Type 3	6444-104
Box Assembly, PBE Type 3	6444-106
Pull Pin Candle (Min. buy 15)	6416-208



**Type 4  
Approved  
Essex**

Crew Member	P/N
PBE Type 4, Assembly	6485-006
PBE Type 4, Assembly (with red ballactuation)	6485-001
Re-Usable Pouch, PBE Type 4	6445-001
Activation cord (for 6485-001) Min.10	6485-003
Activation clip (for 6485-006) Min.10	6485-007



**Type 5  
Air Liquide**

	P/N
PBE Type 5, Assembly	87481-001



Neck Seals – All Models	P/N
Latex Neck Seal (Beige)	6412-NP
Non-Latex Neck Seal (Black)	6412-001



**P/N 87481-001**

The Tulmar Air Liquide-style Protective Breathing Equipment (PBE) was designed specifically for cabin crew training. It was built to replicate the use of the real aircraft product but adapted to sustain the rigors of repeated training.

The training PBE comes complete with simulated activation system, weighed cylinder (ring) and a removable neck seal. The PBE is similar in shape, colour and weight to the Original Equipment Manufacturer (OEM)'s.



<b>Color</b>	9 Grey / Black
<b>Appearance</b>	Matt, Long front with simulated tank in front pocket
<b>Weight</b>	3.35lbs (1520g)
<b>Dimensions</b>	14.5" x 12.5" x 12" (36.8cm x 31.75cm x 30.5cm)
<b>Activation Simulation</b>	Circular O <sup>2</sup> tank (dummy) with simulated pull activation & dummy CO <sup>2</sup> scrubbers
<b>Donning Speed</b>	Under 8 seconds
<b>Material</b>	PVC/Pester Cloth – 1000 Denier, Fire Retardant (2sec. self ext.) / Black nylon mesh with finish
<b>Visor</b>	Clear Lexan – Abrasion Resistant / Protective film for shipping (remove before use)
<b>Cleaning</b>	Mild soap
<b>Neck Seal</b>	Replaceable. PBE includes one non-latex neck seal installed
<b>Voice Box</b>	Replicated voice box, with black speaking diaphragm
<b>Markings</b>	Front stencils "FOR TRAINING USE ONLY"



**P/N 6485-001 & 6485-006**

Our Training Protective Breathing Equipment (PBE) feels and operates like the real thing. The training PBE comes complete with simulated actuation clips (or Red ball cord assembly), weighted dummy O<sub>2</sub> cylinders and removable neck seal. The training PBE, including the actuation systems, are approved by the Essex Industries, the PBE's OEM. The hood is similar shape, colour and weight to the Original Equipment Manufacturer (OEM) PBE.



<b>Color</b>	9 Grey
<b>Appearance</b>	Grey fabric with yellow visor, including breathing holes
<b>Weight</b>	1.75 lbs. / 795g.
<b>Dimensions</b>	11.5" x 16" x 11.5" (29.2cm x 40.6cm x 29.2cm)
<b>Activation Simulation – Model -001</b>	Red ball pull cord
<b>Activation Force Tested – Model-001</b>	9 to 10 lbs (4 to 4.5kg)
<b>Activation Simulation – Model -006</b>	Side bars and grey clips
<b>Activation Force Tested – Model-006</b>	20 to 21 lbs (9 to 9.5kg)
<b>Donning Speed</b>	Under 15 seconds
<b>Material</b>	PVC/Pester 1000 Denier – Fire Retardant (2sec. self ext.)
<b>Visor</b>	Clear-Yellow Vinyl, 0.014" Thick
<b>Cleaning</b>	Hand wash with Mild soap / detergent – Air Dry
<b>Neck Seal</b>	Replaceable. PBE includes one non-latex neck seal installed
<b>Replaceable Component</b>	Activation clips: 6485-001 Model = Red ball clip (p/n 6485-003) 6485-006 Model = Grey cord & clip assembly (p/n 6485-007)
<b>Accessories</b>	Re-usable orange pouch (p/n 6445-001)
<b>Markings</b>	Front stencil "For training use only"



Red ball pull cord  
6485-003



Clip Cord Assembly  
6485-007



**P/N 6483-001**

Our Training Protective Breathing Equipment (PBE) feels and operates like the real thing. The training PBE comes complete with a simulated ignition candle, rear actuation pin, head band and weighted dummy O<sub>2</sub> generator. The hood is similar shape, colour and weight to the Original Equipment Manufacturer (OEM) PBE.



<b>Color</b>	55 Yellow
<b>Appearance</b>	Bright, Reflective Material
<b>Weight</b>	4.37lbs / O <sup>2</sup> Igniter simulator 2.75 lbs
<b>Dimensions</b>	10" x 11.5" x 17" (+3.5" depth for the breath apparatus)
<b>Packed Dimensions (Box)</b>	11" x 10" x 5 1/4"
<b>Activation Simulation</b>	O <sup>2</sup> generator candle, which is reset in seconds
<b>Donning Speed</b>	Under 15 seconds
<b>Material</b>	PVC/Pester 1000 Denier – Fire Retardant (2sec. self ext.)
<b>Visor</b>	Clear Vinyl, Fog resistant (tested between 2°C & 30°C)
<b>Cleaning</b>	Machine Washable (cloth – gentle cycle) – Mild Soap
<b>Neck Seal</b>	Replaceable. PBE includes one non-latex neck seal installed
<b>Voice Box</b>	Replicated voice box, with silicone blue mouth piece
<b>Replaceable Component</b>	Candle Pull Pin (p/n 6416-208)
<b>Accessories</b>	Re-usable orange pouch (p/n 6438-304) – Re-usable storage box (p/n 6438-301 & 6438-302)
<b>Markings</b>	Front sewn on Label "CREW" and "For training use only"

