

Verification Body Logo      First Inspection Year/Month      Customizable logo area (Black and White)

M18x1,5    CTS    **XX/XXX/XXXXXXXX**    **UN 1002**  
 x,xx KG 9,0L PW300 at 15°C PT/PH450BAR  
 PS:347BAR at 60°C      TS:-40°C to 60°C

CE 1370    EN 12245 I    **yyyy/mm**    UW

WARNINGS      FILL IN ACCORDANCE WITH MANUFACTURER'S ISTRUZIONI  
 THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM  
 AVVERTENZE      RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE  
 QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO

FINAL: NNL    RETESTING/RICOLLAUDO:

UN 1002 Compressed Air Aria Respirabile

Fluid Group 2

COMPOSITE TECHNICAL SYSTEMS

Composite Technical Systems S.p.A  
 Via Monsignor Faldutti, 9  
 33048 Chiopris Viscone (UD) ITALY  
 www.ctscoyl.com

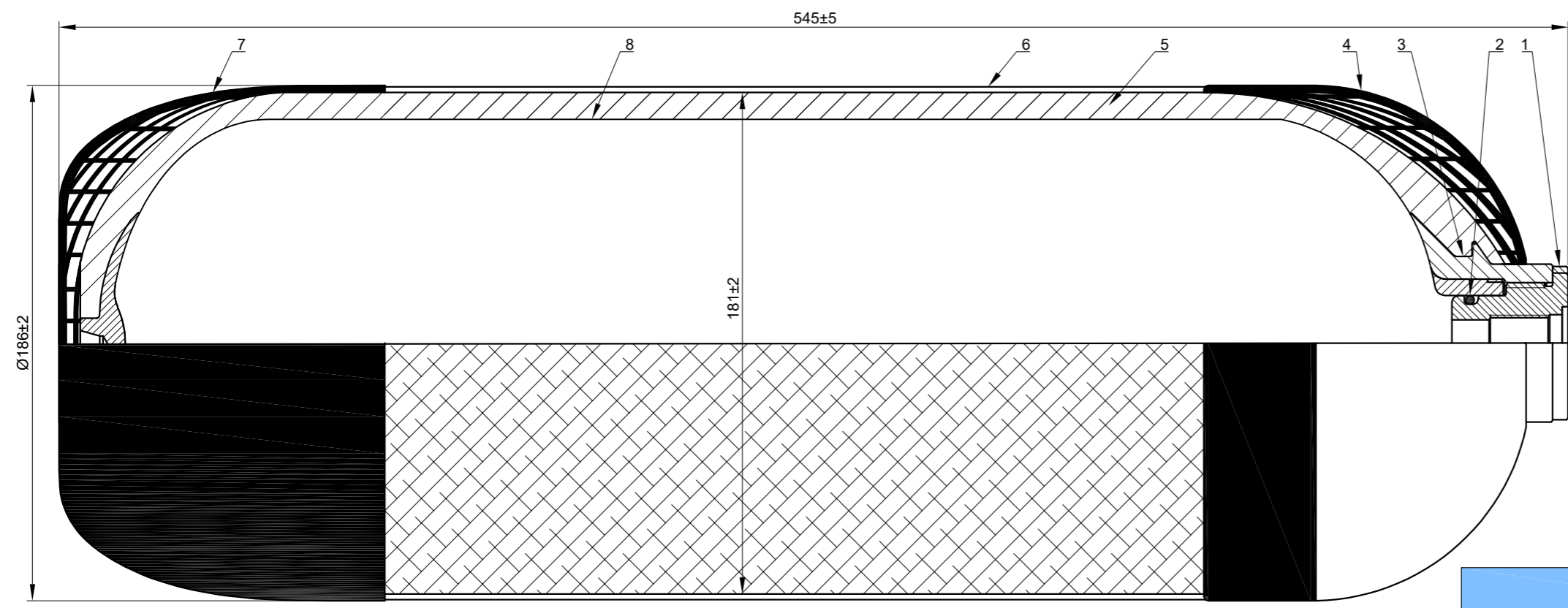
INSTRUCTIONS:  
 1) Valve screwing torque: 85 Nm  
 2) Before use, read carefully the user manual  
 3) Fill with Breathing Air according to EN 12021  
 4) Avoid storing without pressure

Cylinder layout	Description and notes	Empty cylinder weight
Cylinder without finishings (bare cylinder)	Without finishings	4.32±0.30 kg 9.52±0.66 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	5.19±0.30 kg 11.44±0.66 lbs

**Legend:**

- ① Inner boss (internal nozzle)
- ② O-ring
- ③ Outer boss (external nozzle)
- ④ Upper rubber cap
- ⑤ Composite stratification layer
- ⑥ Optional exterior finishing
- ⑦ Bottom rubber cap
- ⑧ Internal PET liner

THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
OTHER COMMON THREADS	M25x2.0 - EN ISO 15245-1
	7/8" - 14 UNF - 2B



**CTS SpA Type 4 cylinders Data Sheet:  
9.0 It 300 bar Breathing Air - SCUBA**

Working pressure: 300 bar (4351 psi)	Boss (nozzles) material: AISI 316L or AISI 904L
Test pressure: 450 bar (6527 psi)	Liner material: PET
Min. design burst pressure: >900 bar (13053 psi)	Reinforcement material: Carbon fiber + Epoxy resin
Water capacity: 9.0 L (549.21 cu. inch)	Exterior finishing: Customer specifications
Service life: non limited (NLL) according to EN 12245:2009 + A1:2011	Approved gases according to Regulations Nr. CE 1272/2008 UN 1002 Compressed Air (Breathing Air) Group 2
Specifications: EN 12245:2009 + A1:2011; European Directive PED 2014/68/UE.	PED Module: B + F      PED Category: III



The image has the only purpose to represent the product.