

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  
 P<sub>Smax</sub>:347BAR at 60°C    TS:-40°C to 60°C

CE 1370    EN 12245 I    **yyyy/mm**    UW    FINAL: NLL

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

UN 1002 Compressed Air Aria Respirabile

Fluid Group 2

RETESTING/RICOLLAUDO:

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

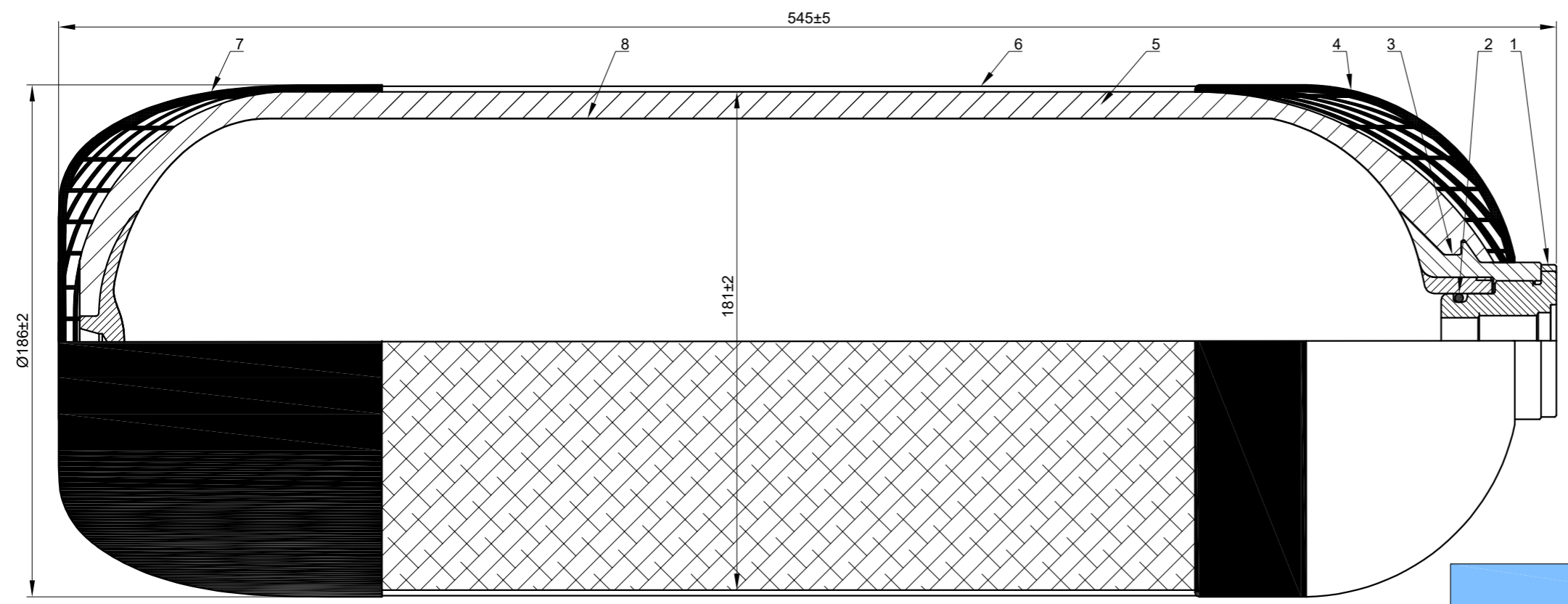
Composite Technical Systems S.p.A  
 Via Monsignor Faldutti, 9  
 33048 Chiopris Viscone (UD) ITALY  
 www.ctscoyl.com

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 12245:2022	Approved gases according to Regulations Nr. CE 1272/2008 UN 1002 Compressed Air (Breathing Air) Group 2
Specifications: EN 12245:2022; European Directive PED 2014/68/UE.	PED Module: B + F      PED Category: III



The image has the only purpose to represent the product.