







Maximum permissible filling weight (for compressed gases filled by weight only)

Verification Body Logo

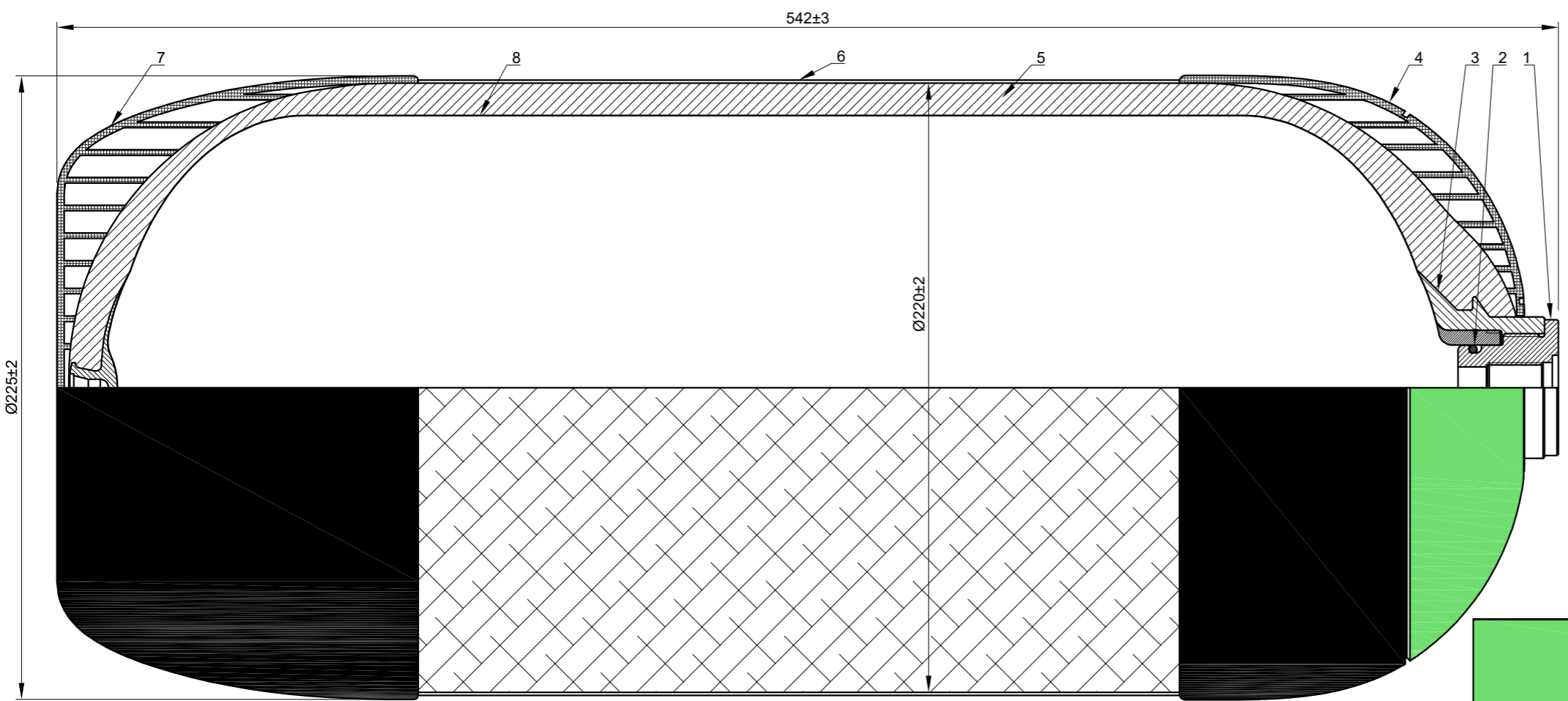
First Inspection Year/Month

Customizable logo area (Black and White)

M18x1,5 CTS XX/XXX/XXXXXXX x,xxKG 13,0L PW310 at 15°C PT/PH465BAR	UN XXXX Gas Name	 COMPOSITE TECHNICAL SYSTEMS
 1370-40° ISO 11119-3 I  yyyy/mm FINAL: NLL		 Composite Technical Systems S.p.A Via Monsignor Faldutti, 9 33048 Chiopris Viscone (UD) ITALY www.ctscoyl.com
WARNINGS FILL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS PET LINER - THIS CYLINDER MUST NOT BE SUBJECT TO A VACUUM	INSTRUCTIONS: 1) Valve screwing torque: 85 Nm 2) Before use, read carefully the user manual 3) Avoid storing without pressure	
AVVERTENZE RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE PET LINER - QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO		
RETESTING EVERY 10 YEARS, FIRST RETESTING DATE: YYYY	RETESTING/RICOLLAUDO:	

Verification Body Number

Cylinder layout	Description and notes	Empty cylinder weight - Aluminum alloy	Empty cylinder weight - Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	5.30±0.30 kg 11.68±0.66 lbs	5.72±0.30 kg 12.61±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	6.27±0.30 kg 13.82±0.66 lbs	6.69±0.30 kg 14.75±0.66 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	6.43±0.30 kg 14.18±0.66 lbs	6.85±0.30 kg 15.10±0.66 lbs



Legend:

- ① Inner boss (internal nozzle)

THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
OTHER COMMON THREADS	M25x2.0 - EN ISO 15245-1
	17E - EN ISO 11363-1

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

**CTS SpA Type 4 cylinders Data Sheet:
13.0 It 310 bar Technical Gases**

Working pressure: 310 bar (4496 psi)	Boss (nozzles) material: Anodized aluminum alloy
Test pressure: 465 bar (6744 psi)	Liner material: PET
Min. design burst pressure: >930 bar (13489 psi)	Reinforcement material: Carbon fiber + Epoxy resin
Water capacity: 13.0 L (793.31 cu. inch)	Exterior finishing: Customer specifications
Service life: non limited (NLL) according to ISO 11119-3 : 2013	Approved gases: UN 1002 Air, compressed; (green upper cap) UN 1013 Carbon Dioxide, compressed; (gray upper cap) UN 1066 Nitrogen, compressed; (black upper cap) UN 1046 Helium, compressed; (brown upper cap) UN 1006 Argon, compressed. (green upper cap)
Specifications: ISO 11119-3 : 2013; European Directive TPED 2010/35/UE; ADR 2021	



The image has the only purpose to represent the product.