







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

Verification Body Logo

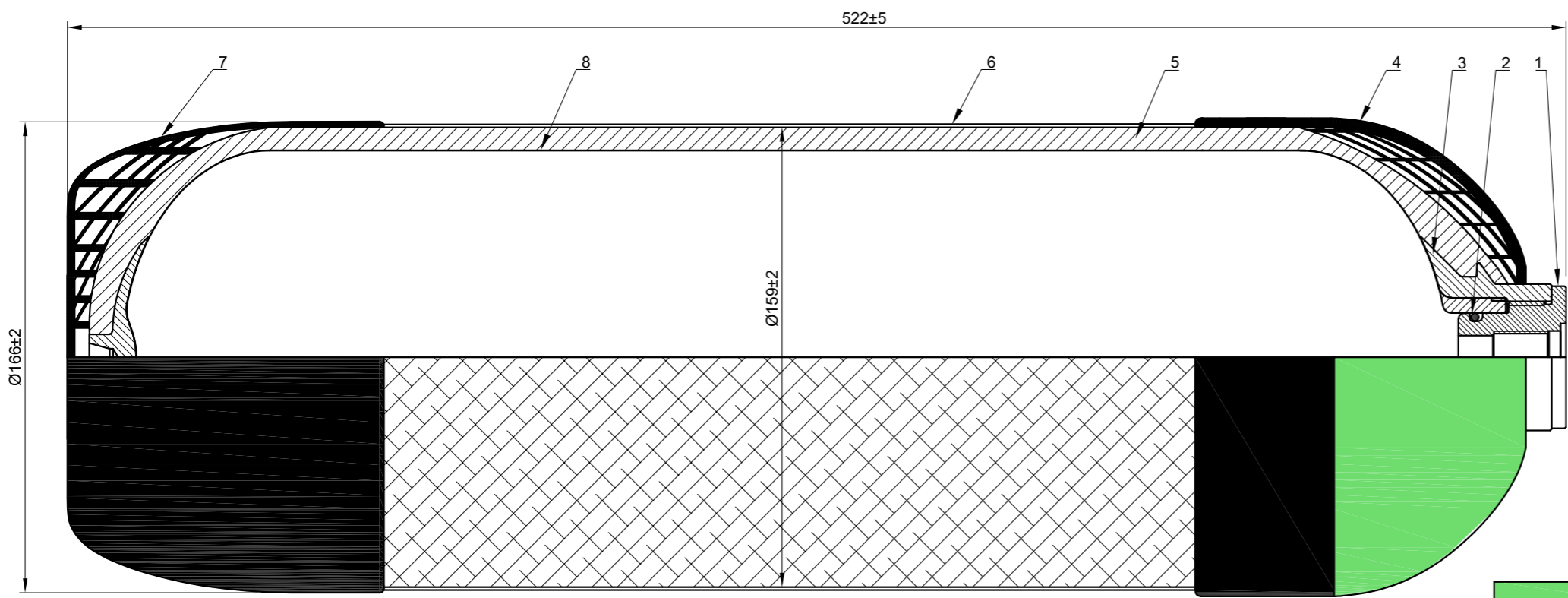
First Inspection Year/Month

Customizable logo area (Black and White)

M18x1,5 CTS XX/XXX/XXXXXXXX x,xxKG 6,8L PW300 at 15°C PT/PH450BAR	UN XXXX Gas Name	 COMPOSITE TECHNICAL SYSTEMS
 1370-40° EN 12245 I  yyyy/mm FINAL: NLL		 Composite Technical Systems S.p.A Via Monsignor Faldutti, 9 33048 Chiopris Viscone (UD) ITALY www.ctscl.com
WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURER'S ISTRUZIONI 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	INSTRUCTIONS: 1) Valve screwing torque: 85 Nm 2) Before use, read carefully the user manual 3) Avoid storing without pressure	
RETESTING EVERY 10 YEARS, FIRST RETESTING DATE: YYYY	RETESTING/RICOLLAUDO: YYYY	

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	2.95±0.23 kg 6.50±0.50 lbs	3.37±0.30 kg 7.43±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	3.57±0.23 kg 7.87±0.50 lbs	3.99±0.30 kg 8.80±0.66 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	3.65±0.23 kg 8.05±0.50 lbs	4.07±0.23 kg 8.97±0.50 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	3.70±0.23 kg 8.16±0.50 lbs	4.12±0.30 kg 9.08±0.66 lbs



Legend:

- ① Inner boss (internal nozzle)
 - 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
- | THREADS | |
|----------------------|--------------------------|
| STANDARD THREAD | M18x1.5 - EN ISO 15245-1 |
| OTHER COMMON THREADS | M25x2.0 - EN ISO 15245-1 |
| | 17E - EN ISO 11363-1 |

CTS SpA Type 4 cylinders Data Sheet:
6.8 It 300 bar Technical Gases

Working pressure: 300 bar (4361 psi)	Boss (nozzles) material: Anodized aluminum alloy OR Stainless steel
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: 6.8 L (414.96 cu. inch)	Exterior finishing: Customer specifications
Service life: non limited (NLL) according to EN 12245:2009 + A1:2011	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: EN 12245:2009 + A1:2011; European Directive TPED 2010/35/UE; ADR 2021	



The image has the only purpose to represent the product.