

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 7,2L PW300 at 15°C PT/PH450BAR

UN XXXX
Gas Name

COMPOSITE TECHNICAL SYSTEMS

EN 12245 I

1370-40°

yyyy/mm

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

INSTRUCTIONS:
 1) Valve screwing torque: 85 Nm
 2) Before use, read carefully the user manual
 3) Avoid storing without pressure

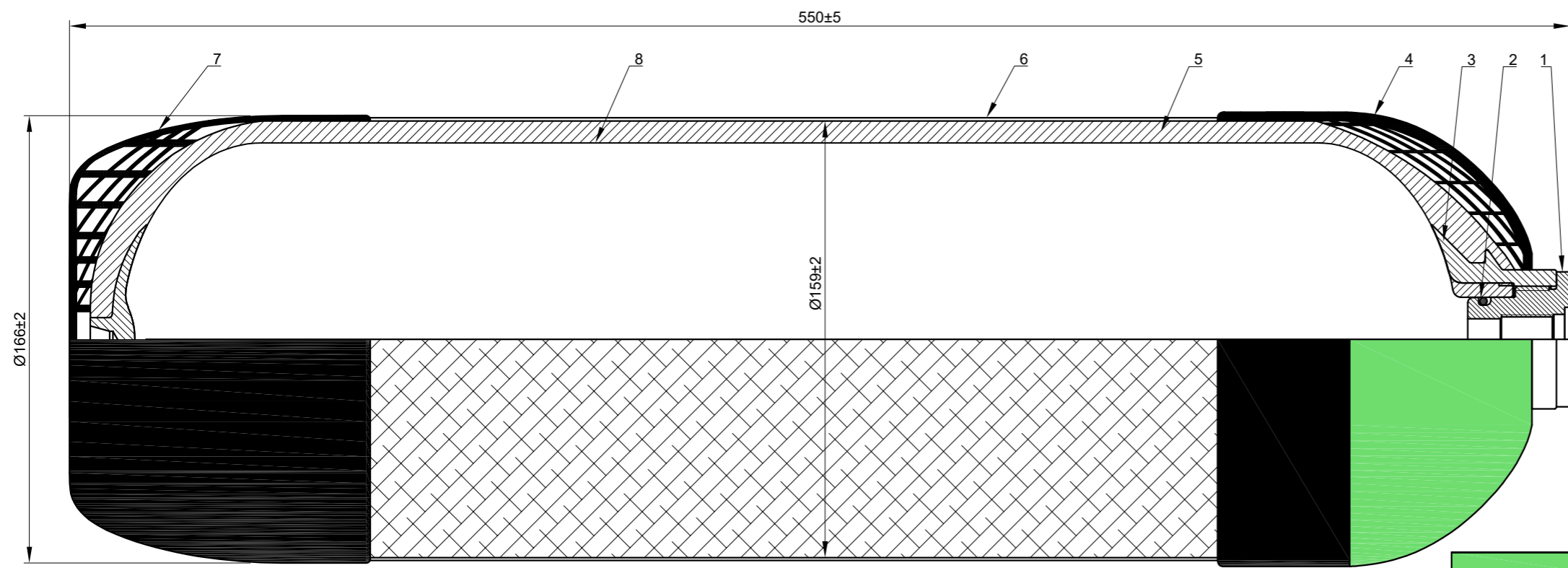
WARNINGS
 AVVERTENZE

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

FINAL: NNL 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	3.28±0.24 kg 7.23±0.52 lbs	3.45±0.30 kg 7.60±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	3.87±0.24 kg 8.53±0.52 lbs	4.29±0.30 kg 9.46±0.66 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	3.97±0.24 kg 8.75±0.52 lbs	4.39±0.30 kg 9.68±0.66 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	4.15±0.24 kg 9.15±0.52 lbs	4.57±0.30 kg 10.08±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:
7.2 lt 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: 7.2 L (439.37 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.