




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

Verification Body Logo

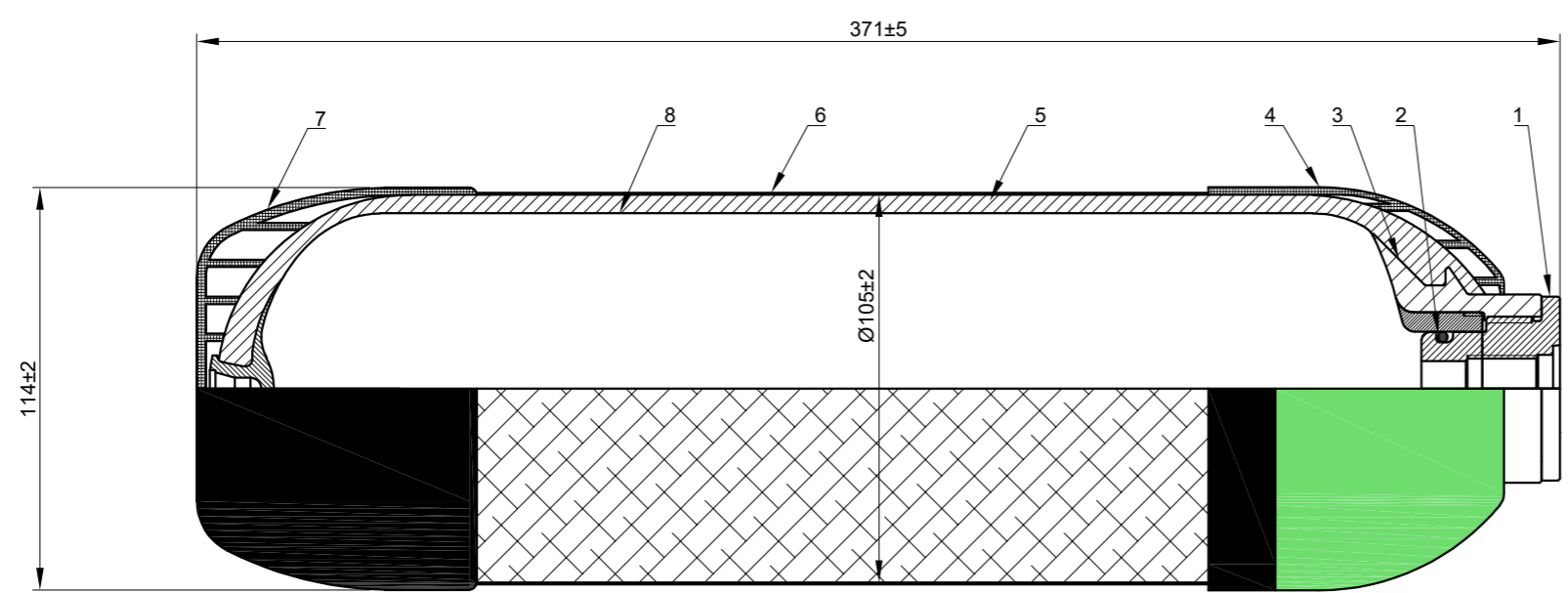
First Inspection Year/Month

Customizable logo area (Black and White)

M18x1,5 x,xxKG 2,0L PW300 at 15°C PT/PH450BAR	CTS XX/XXX/XXXXXXXX	UN XXXX Gas Name	
 1370-40°	EN 12245	I	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 INSTRUCTIONS PET LINER - THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM	yyyy/mm FINAL: NLL		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 Aluminium alloy	Empty cylinder weight Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	1.34±0.09 kg 2.95±0.20 lbs	1.76±0.09 kg 3.88±0.20 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	1.61±0.09 kg 3.55±0.20 lbs	2.03±0.09 kg 4.48±0.20 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	1.65±0.09 kg 3.64±0.20 lbs	2.07±0.09 kg 4.56±0.20 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	1.70±0.09 kg 3.75±0.20 lbs	2.12±0.30 kg 4.67±0.20 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:  
2.0 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: 2.0 L (122.04 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 2017	



The image has the only purpose to represent the product.