

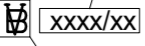

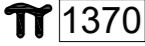


M18x1,5	I	CTS	xx/xxx/xxxxxx	UN 1049 Hydrogen Compressed	 COMPOSITE TECHNICAL SYSTEMS
x,xx KG	6,8 L	PW300 at 15° C	PT/PH450BAR		
EN12245:2009 + A1:2011	I	TS: -50°C to 60°C	 XXXX/XX	 COMPOSITE TECHNICAL SYSTEMS INSTRUCTIONS: 1) Valve screwing torque: 85 Nm 2) Before use, read carefully the user manual 3) Avoid storing without pressure	
 PET LINER WARNINGS AVVERTENZE		FINAL: NLL FILL IN ACCORDANCE WITH MANUFACTURERS ISTRUCTIONS THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO			
FIRST INSPECTION DATE/DATA PRIMO COLLAUDO		XX/XXXX		RETESTING / RICOLLAUDO	

Verification Body Number

Verification Body Logo

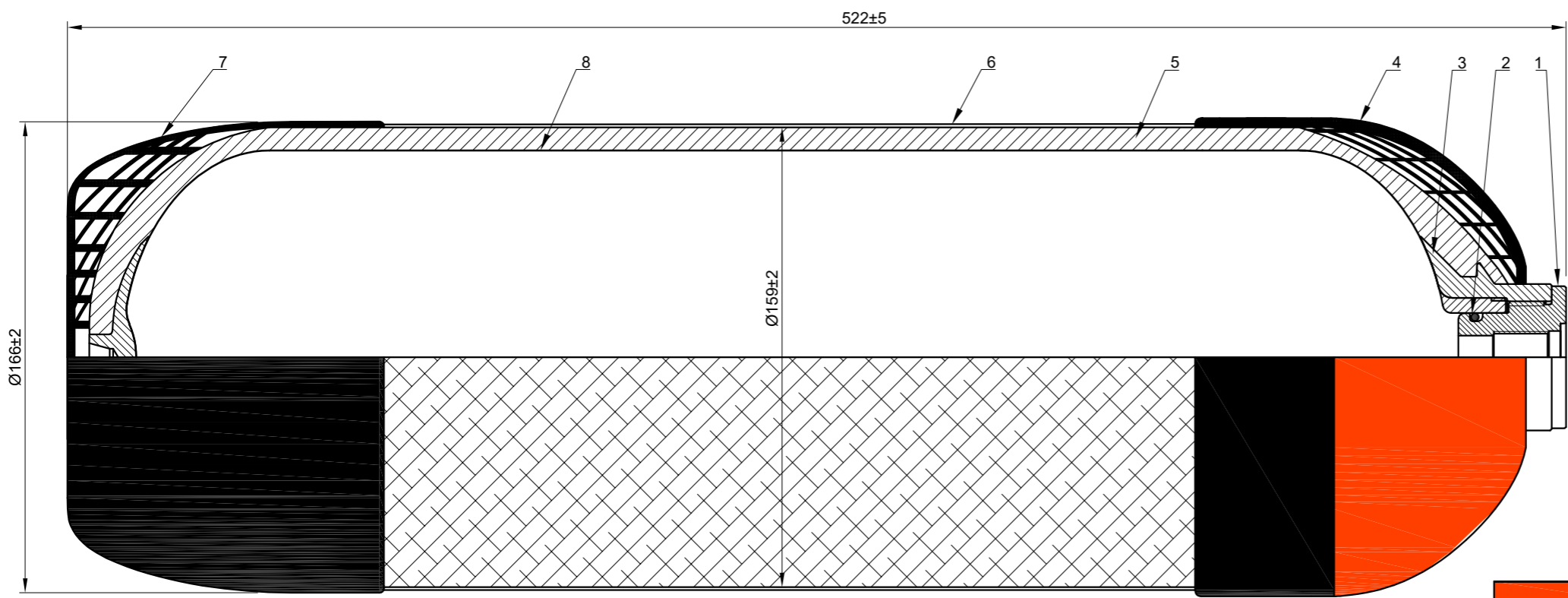
Cylinder layout	Description and notes	Empty cylinder weight - Aluminum alloy	Empty cylinder weight - Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	2.85±0.23 kg 6.28±0.50 lbs	3.27±0.30 kg 7.21±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	3.47±0.23 kg 7.65±0.50 lbs	3.89±0.30 kg 8.58±0.66 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)

THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
OTHER COMMON THREADS AVAILABLE ON REQUEST	

- 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



**CTS SpA Type 4 cylinders Data Sheet:
6.8 lt 300 bar Hydrogen**

Working pressure: 300 bar (4351 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)	Hydrogen mass: 143 g (5.04 oz)	Exterior finishing: Customer specifications	
Service life: non limited (NLL) according to EN 12245:2009 + A1:2011		Developed pressure at 60°C: 349 bar (5062 psi)	
Specifications: EN 12245:2009 + A1:2011; European Directive TPED 2010/35/UE, ADR 2021 or European Directive PED 2014/68/UE		Approved gases: UN 1049 Hydrogen, compressed	



The image has the only purpose to represent the product.