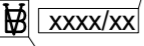



Cylinder layout	Description and notes	Empty cylinder weight - Aluminum alloy	Empty cylinder weight - Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	3.83±0.24 kg 8.44±0.52 lbs	4.25±0.30 kg 9.37±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	4.55±0.24 kg 10.03±0.52 lbs	4.97±0.30 kg 10.96±0.66 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	4.85±0.24 kg 10.69±0.52 lbs	5.27±0.30 kg 11.62±0.66 lbs

M18x1,5 I CTS **xx/xxx/xxxxxx**  
 x,xx KG 9,0 L PW300 at 15° C PT/PH450BAR  
 TS: -50°C to 60°C  
 EN12245:2009 + A1:2011 I  **xxxx/xx**  
**TT 1370** PET LINER FINAL: NLL  
 WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURERS ISTRUZIONI  
 THIS CYLINDER MUST NOT BE SUBJECT TO A VACUUM  
 AVVERTENZE: RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE  
 QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO

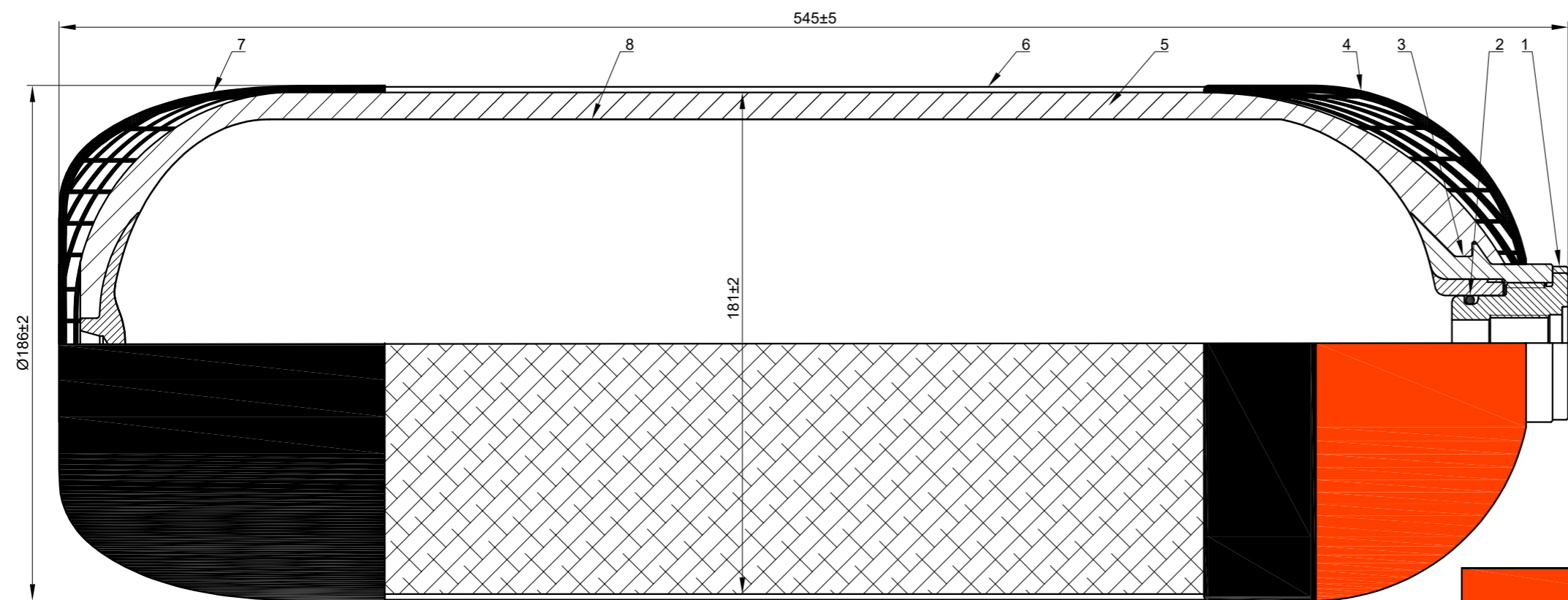
UN 1049 Hydrogen Compressed

Customisable Logo Area (Black and White)  
  
 COMPOSITE TECHNICAL SYSTEMS

INSTRUCTIONS:  
 1) Valve screwing torque: 85 Nm  
 2) Before use, read carefully the user manual  
 3) Before loading perform the inert wash cycle  
 4) Avoid storing without pressure

FIRST INSPECTION DATE/DATA PRIMO COLLAUDO: **xx/xxxx** RETESTING / RICOLLAUDO: **xx/xxxx**

Verification Body Number: **xx/xxxx**  
 Verification Body Logo: 



**Legend:**

- ① Inner boss (internal nozzle)
- 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

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:  
9.0 It 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: 9.0 L (549.21 cu. inch)	Hydrogen mass: 190 g (6.70 oz)
Exterior finishing: Customer specifications	Developed pressure at 60°C: 349 bar (5062 psi)
Service life: non limited (NLL) according to EN 12245:2009 + A1:2011	Approved gases: UN 1049 Hydrogen, compressed
Specifications: EN 12245:2009 + A1:2011; European Directive TPED 2010/35/UE, ADR 2021 or European Directive PED 2014/68/UE	



The image has the only purpose to represent the product.