

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

Verification Body Logo

First Inspection (Year/Month)

Customisable Logo Area (Black and White)

M18x1,5 I CTS xx/xxx/xxxxxx	UN XXXX Gas name	 COMPOSITE TECHNICAL SYSTEMS
x,xx KG 3,0 L PW300 at 15° C PT/PH450BAR		
EN12245:2009 + A1:2011 I  XXXX/XX	 2	 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 FINAL: NLL WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURERS ISTRUCTIONS THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM AVVERTENZE: 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

Cylinder layout	Description and notes	Empty cylinder weight - Aluminum alloy	Empty cylinder weight - Stainless steel
Cylinder without finishings (bare cylinder)	Without finishings	1.53±0.09 kg 3.37±0.20 lbs	1.95±0.30 kg 4.30±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	1.81±0.09 kg 3.99±0.20 lbs	2.23±0.30 kg 4.92±0.66 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	1.95±0.09 kg 4.30±0.20 lbs	2.37±0.30 kg 5.22±0.66 lbs

Legend:

① Inner boss (internal nozzle)

THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
OTHER COMMON THREADS	M25x2.0 - EN ISO 15245-1
	17E - EN ISO 11363-1

② O-ring

③ Outer boss (external nozzle)

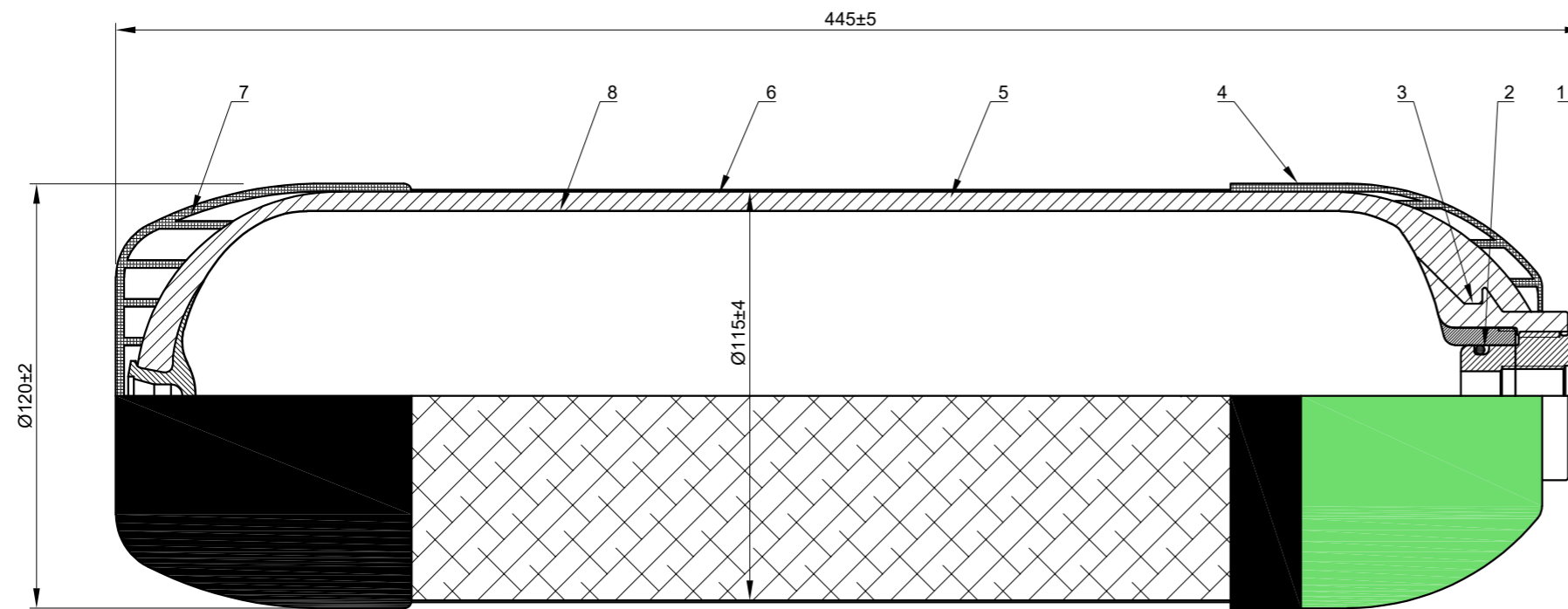
④ Colour coded upper rubber cap

⑤ Composite stratification layer

⑥ Optional exterior finishing

⑦ Bottom rubber cap

⑧ Internal PET liner



CTS SpA Type 4 cylinders Data Sheet:
3.0 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: 3.0 L (183.08 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.