




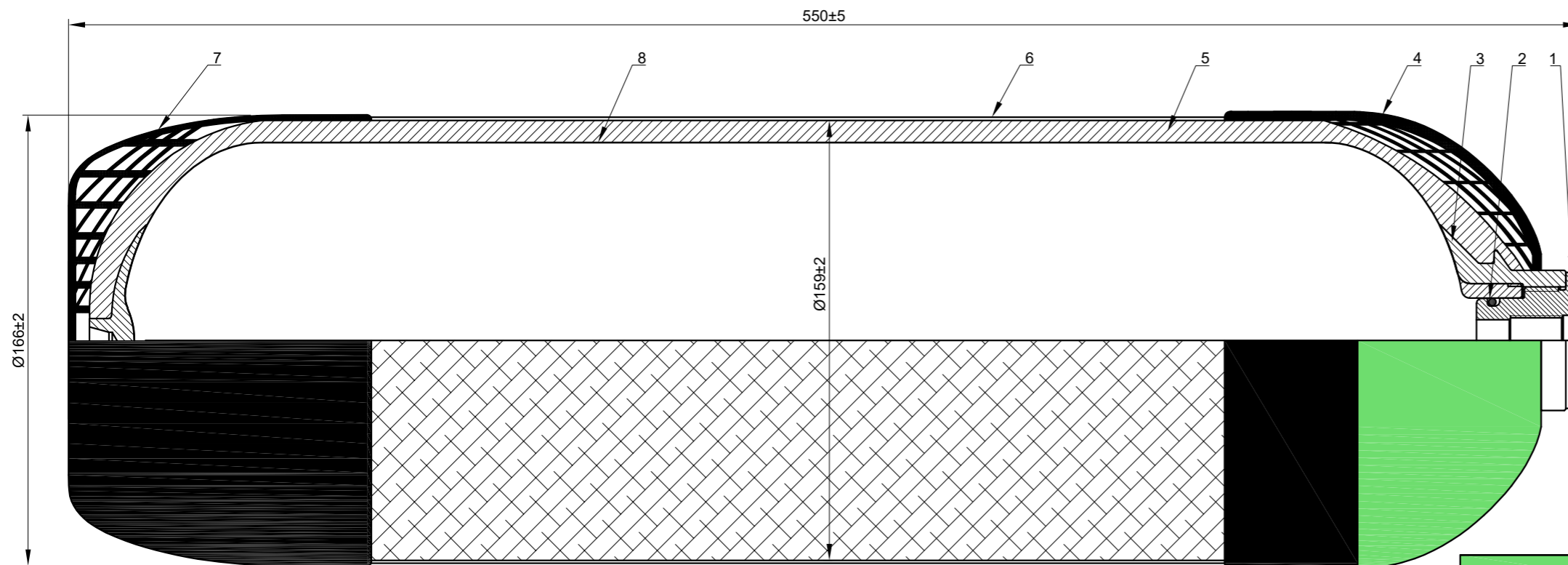


Verification Body Logo First Inspection Year/Month Customizable logo area (Black and White)

M18x1,5 XX/XXX/XXXXXXXX	UN 1002 Compressed Air	 COMPOSITE TECHNICAL SYSTEMS  Composite Technical Systems S.p.A Via Monsignor Faidutti, 9 33048 Chiopris Viscone (UD) ITALY www.ctscyl.com
PW310=4500psi PH465BAR=6743psi x,xx Kg=x,xx lb 7,2L=439cu in	 RETESTING DATE:	
 DURATION: 50 MINUTES ISO 11119-3 USA/M0852  yyyy/mm FINAL: NLL WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PET LINER - THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM.	INSTRUCTIONS: 1) Valve screwing torque: 85 Nm 2) Before use, read carefully the user manual 3) Avoid storing without pressure	

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

Verification Body Number



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:
50 Minutes (7.2 lt) 4500 psi UN - C.AIR cylinder

Working pressure: 4500 psi (310 bar)	Boss (nozzles) material: AISI 316L or AISI 904L
Test pressure: 6744 psi (465 bar)	Liner material: PET
Min. design burst pressure: > 13489 psi (930 bar)	Reinforcement material: Carbon fiber + Epoxy resin
Water capacity: 439.37 cu. inch (7.2 L)	Exterior finishing: Customer specifications
Service life: non limited (NLL) according to ISO 11119-3	Approved gases: UN 1002 Compressed Air
Specifications: UN - ISO 11119-3 Cylinders; Manufactured in accordance with §§ 178.35 and 178.69 - 71.	Approval CA2019100512 Regulaotry Authority: 49 CFR §178.69 - 70 - 71

