

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 CTS XX/XXX/XXXXXXX x,xxKG 2,0L PW300 at 15°C PT/PH450BAR EN 12245 I yyyy/mm 1370 40° WARNINGS AVVERTENZE FILL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO FINAL: NNL RETESTING/RICOLLAUDO:		UN XXXX Gas Name  COMPOSITE TECHNICAL SYSTEMS Composite Technical Systems S.p.A Via Monsignor Faldutti, 9 33048 Chiopris Viscone (UD) ITALY www.cts-cp.com INSTRUCTIONS 1) Valve screwing torque: 55 Nm 2) Before use, read carefully the user manual 3) Avoid storing without pressure		

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

371±5

114±2

Ø105±2

7

8

6

5

4

3

2

1

CTS SpA Type 4 cylinders Data Sheet:

2.0 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: 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.