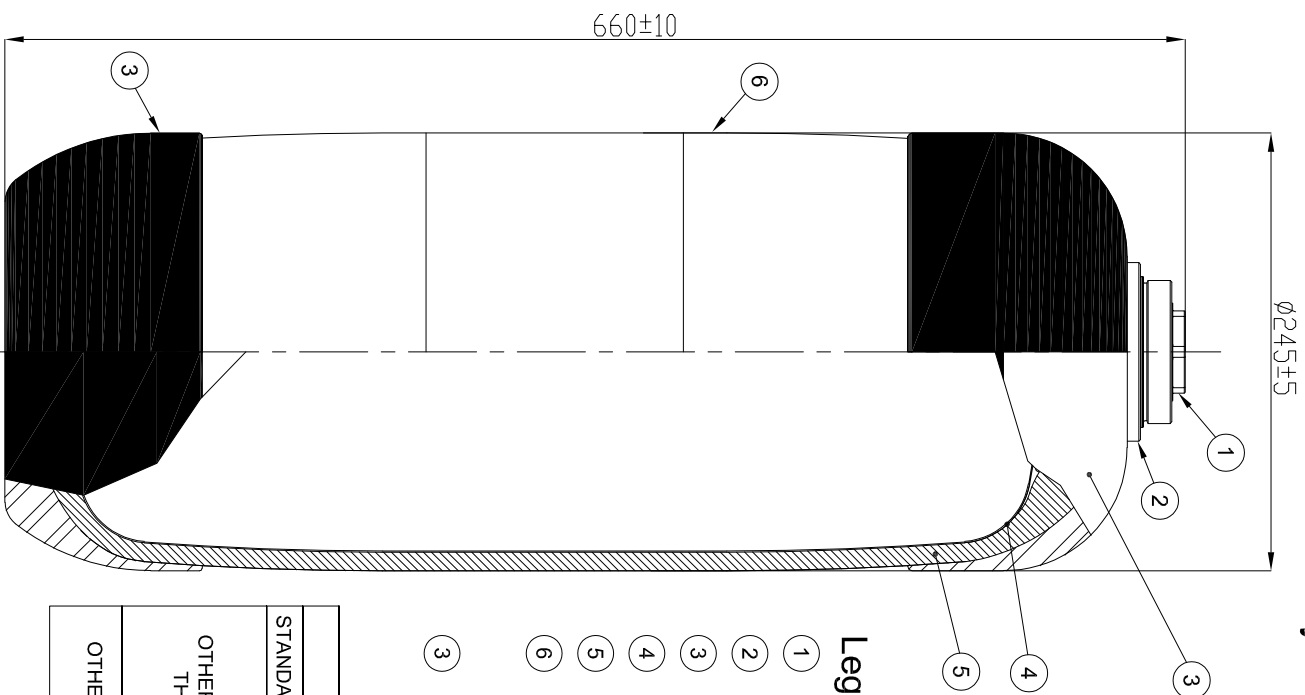


Carbon Cylinder Type 4 cylinders Data Sheet: 20,0 LT - 310 bar - Technical Gases



- Legend:**
- ① Inner Boss
 - ② Outer Boss
 - ③ End cap
 - ④ PET liner
 - ⑤ Composite stratification layer
 - ⑥ Optional protection stratification layer (within 0,1 mm and 2 mm)
 - ③ End cap

AVAILABLE THREADS	
STANDARD THREAD	M18x1.5 - EN ISO 15245-1
OTHER COMMON THREADS	M25x2.0 - EN ISO 15245-1 17E EN ISO 11363-1 25E EN ISO 11363-1 7/8 - 14 UNF - 2B
OTHER THREADS ARE POSSIBLE UPON REQUEST	

CARBON CYLINDER®
Lightness & Innovation

WEB: www.carboncylinder.com
EMAIL: info@carboncylinder.com
PHONE: +39 041 571 3854

Verification
Body Number

Verification
Body Logo

First Inspection
(Year/Month)

Logo Area 77x46mm
(Black and White)

THREAD: I - CCR XXXXXXXXXXXXXXXX
 X XXX KG - 20,0 L PW 310 BAR AT 15°C PH465 BAR
 1370 -40 °C ISO1119-3 I-CC PET liner FINAL: NULL

WARNINGS:

1. Valve screwing torque: 85 Nm
2. This cylinder must not be subjected to a vacuum
3. Before use and inspection, read carefully the manual
4. Fill in accordance with manufacturer's instructions
5. Maintain a minimum pressure of 2-5 bar

Periodic inspection MUST follow the national rules
 *Minimum weight of an empty cylinder without finishing

UN - Nr. XXXX
GAS NAME

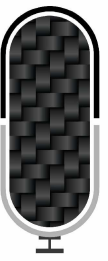
FIRST INSPECTION DATE:
MM/YYYY

Restesting dates:

CUSTOM LOGO AREA

Specific gas pictogram

Filling pressure	310 bar (4496 psi) at 15 °C
Test pressure	465 bar (6744 psi)
Min. design burst pressure	>930 bar (13488 psi)
Water capacity	20,0 L (1220 cu. inch)
Empty weight without finishing	8,4 kg (18,5 lbs)
Service life	not limited (NLL) acc. to ISO1119-3:2013
Specification	ISO1119-3:2013 TPED 2010/35/UE; ADR 2023
Boss material	AL Alloy / Stainless Steel / Titanium
Liner material	PET
Reinforcement material	Composite material
Exterior finishing	Customer specification
Approved gases	UN 1002 AIR, Compressed; UN 1006 Argon, Compressed; UN 1013 Carbon Dioxide, Compressed; UN 1046 Helium, Compressed; UN 1049 Hydrogen, Compressed; UN 1066 Nitrogen, Compressed.



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