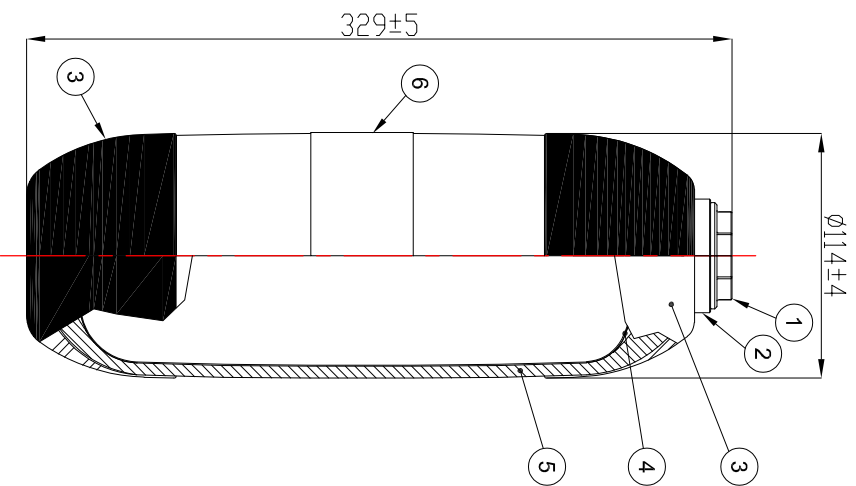


# Carbon Cylinder Type 4 cylinders Data Sheet: 2,0 LT - 310 bar - Technical Gases



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

AVAILABLE THREADS	
STANDARD THREAD	M18x1,5 - EN ISO 15245-1
OTHER COMMON THREADS	17E EN ISO 11363-1
OTHER THREADS ARE POSSIBLE UPON REQUEST	

Verification  
Body Number

Verification  
Body Logo

First Inspection  
(Year/Month)

Lightness & Innovation

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**THREAD** I - COR XXXXXXXXXXXXXXXXX  
 X.XX KG\* 2,0 L PW 310 BAR AT 15°C PH465 BAR  
 -40 °C ISO11119-3 I [E] YYYYYMM  
 PET liner FINAL: NLL

**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 2-8 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

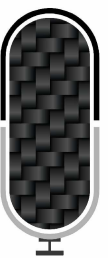
Retesting dates:

CUSTOM LOGO AREA

Logo Area 77x46mm  
(Black and White)

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	2,0 L (122,05 cu. Inch)
Empty weight without finishing	1,00 kg (2,20 lbs)
Service life	not limited (NLL) acc. to ISO 11119-3:2013
Specification	ISO11119-3:2013 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.



**CARBON CYLINDER**  
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