

General information

Volume: 27.2 l

External diameter: 300 mm

Tare weight: approx. 11.3 kg

Filling weight propane: 11.4 kg

Test pressure: 30 bar

Height: approx. 610 mm



Standard version

inside dry and with little scaling

Colour: according to client specification

Silkscreen print: in colour according to client specification, single/multiple

Embossment: owner's embossment/
client number according to client specification, applying of client stickers

Valve: safety valve with pipe breakage protection, EC-approved with a service life of 15 years

Other: flange (plastic flange)

Cermeted version

inside dry and protected against corrosion (through a ceramic-metallic inside coating)

Colour: according to client specification

Silkscreen print: in colour according to client specification, single/multiple

Embossment: owner's embossment/
client number according to client specification, applying of client stickers

Valve: safety valve with pipe breakage protection, EC-approved with a service life of 15 years

Other: flange (plastic flange)

Certification

The Grünhain GmbH gas cylinder production plant is certified according to guideline 2010/35/EU, ADR, RID. The supervision of production is carried out in accordance with the above-mentioned guideline through the in-house testing service, which is certified in accordance with point 6.2.2.10 and 6.2.3.6 ADR/RID. The certification was carried out by the SGS-TÜV Saar.

An increased high utility value – advantages of cermeted propane cylinders

The ceramic-metallic inside coating of these cylinders consists of a ceramic substance, into which aluminium bits are embedded.



Goal: inside cleanliness and sustained protection against corrosion

Corrosion protection values: Salt spray test in accordance with DIN EN ISO 9227
960 hours

Besides these excellent corrosion protection properties, the following is also achieved:

- Long-term adhesion (chemical adhesion to steel)
- Heat resistance of the cermet up to at least 900°C, especially important for revision
- Coated parts can be welded
- Good chemical resistance and no disbonding through water or chemical solutions
- High impact and tear resistance, can be machined

Die durability on metal is indicated as being long-term.

In combination with a pressure-test using air, this system enables the production of internally dry, corrosion-resistant and clean containers.