

BRUGG

Pipes

PETREX®-CNT

Pipe system for petrol station construction

Flexible, single-walled pipe system with stainless steel inner pipe as delivery pipe for fuels in petrol station constructions

SYSTEM DESCRIPTION

PETREX®-CNT was specially designed for the underground transport of flammable, water-hazardous fluids on petrol stations. Fast and simple installation with no welded connections, fast completion of work and avoidance of downtime when backfitting are some of the main advantages offered by PETREX®-CNT.

SYSTEM ADVANTAGES

- fast and simple laying
- environmentally friendly
- economical
- diffusion-tight

RANGE OF APPLICATION*

- Suction pipes
- Vapour recovery stage I and stage II
- Vent pipe

* Subject to the requirements of the regulatory authorities in each country.



CONSTRUCTION

PETREX®-CNT is a flexible, single-walled pipe system consisting of a corrugated stainless steel inner medium pipe and an outer casing made of plastic. The corrosion-proof stainless steel inner pipe is absolutely permeation-tight and able to fulfil all future requirements for the transport of modern fuels.

NOMINAL BORES/ PRESSURE STAGES

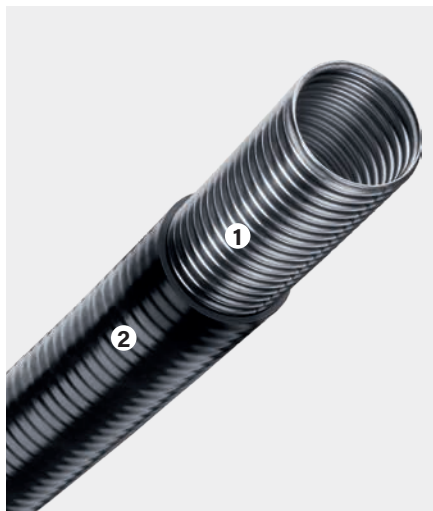
PETREX®-CNT is available in nominal bores from DN 25 / 1" to DN 80 / 3". PETREX®-CNT can be operated with max. -0.7 bar negative pressure or with max. 6 bar positive pressure.

CONNECTING FITTING

PETREX®-CNT connecting fittings can be delivered either as split circular flange or as threaded connector for connection to screwed fittings. Installation is normally carried out without any open flame, i.e. without welding or hard-soldering, using compression fittings.

LAYING THE PIPES

PETREX®-CNT is manufactured in factory lengths of up to 500 m. The corrugated inner medium pipe ensures excellent flexibility and ease of laying. PETREX®-CNT can be cut to the required length at the construction site and, where necessary, bent through tight radii.



- 1 corrugated stainless steel inner pipe
- 2 PE-LD casing

PETREX®-CNT Construction



Easy installation on site

Technical data PETREX®-CNT

Type designation:		CNT 30/39	CNT 48/60	CNT 60/71	CNT 98/120
Material:	stainless steel EN 1.4404 (AISI TP 316 L)	•	•	•	•
	corrosion-proofing: PE-LD casing	•	•	•	•
Nominal diameter:		DN 25 / 1"	DN 40 / 1 1/2"	DN 50 / 2"	DN 80 / 3"
Dimensions:	inner pipe diameter	30 mm	48 mm	60 mm	98 mm
	outer pipe diameter	39 mm	60 mm	71 mm	120 mm
	inner pipe volume	0.80 l/m	2.00 l/m	3.00 l/m	8.40 l/m
Min. bending radius:		200 mm	300 mm	400 mm	800 mm
Weight:		0.56 kg/m	1.37 kg/m	1.75 kg/m	4.5 kg/m
Available connection fittings:					
	modular system with threaded end fitting	•	•	•	•
	modular system with circular split flange	•	•	•	•
Preferably to use as:					
	suction pipe		•	•	
	vapour recovery pipe stage I / stage II	•	•	•	•
	vent pipe		•	•	•

All technical data subject to change.

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