

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 advantages

- Fast and simple laying
- Environmentally friendly
- Economical
- Diffusion-tight

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®.

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.

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

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.

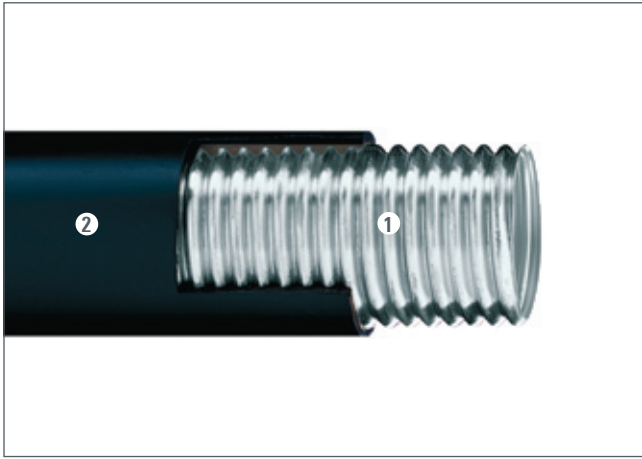


Connecting fitting

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.



PETREX-CNT® Construction

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



Easy installation on site

Technical data PETREX-CNT®

Type designation:		CNT 30/39	CNT 48/60	CNT 60/71	CNT 98/120
material:	<ul style="list-style-type: none"> • stainless steel EN 1.4404 (AISI TP 316 L) • corrosion-proofing: PE-LD casing 	•	•	•	•
nominal diameter:		DN 25 / 1"	DN 40 / 1 ½"	DN 50 / 2"	DN 80 / 3"
dimensions:	<ul style="list-style-type: none"> • inner pipe diameter • outer pipe diameter • inner pipe volume 	30 mm 39 mm 0.80 l/m	48 mm 60 mm 2.00 l/m	60 mm 71 mm 3.00 l/m	98 mm 120 mm 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:	<ul style="list-style-type: none"> • modular system with threaded end fitting • modular system with circular split flange 	•	•	•	•
preferably to use as:	<ul style="list-style-type: none"> • suction pipe • vapour recovery pipe stage I / stage II • vent pipe 	•	•	•	•

All technical data subject to change.

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