

PLT-CSST

CORRUGATED STAINLESS STEEL TUBES

EUROGAS

PLT-CSST corrugated stainless steel tubes in AISI 316L with LDPE protective yellow coating for gas supply



DESCRIPTION

The specific structure of the EUROWATER tube, resistant to pressure and deformation, allows creating any "cold-shape" forming, with angles up to 180°, without the use of special bending tools.

The performance characteristics of the EUROTIS srl PLT-CSST pipe are linked not only to the quality of the steel but above all to the following two factors:

- corrugations' bending radii and hose pitch give the PLT-CSST pipe the maximum efficiency during the bending phase and allow the reduction of the internal diameter and the relative flow rate to be negligible along the bend.
- thicknesses of at least 0.3 mm starting from DN12 give the pipes a high impact resistance, a remarkable resistance to crushing and an excellent functionality when bending.

The particular qualities previously described give the PLT-CSST pipe physical characteristics of semi-rigidity, which allows, during installation, easy changes of direction without the use of fittings.

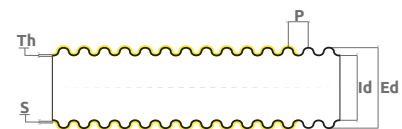


Suitable for gas supply

DN: 12, 15, 20, 25, 32, 40, 50
DN is the nominal internal diameter

TECHNICAL CHARACTERISTICS

Id: Internal diameter
Ed: External diameter
Th: Thickness PLT-CSST
S: LDPE coating
P: Pitch



DN	Thread connection	Id mm	Ed mm	Th mm	S mm	P mm
12	1/2"	12.0	15.8	0.30	0.5	5.0
15	3/4"	15.8	20.0	0.30	0.5	5.5
20	1"	19.7	25.0	0.30	0.5	6.4
25	1 1/4"	26.5	33.0	0.30	0.5	7.1
32	1 1/2"	33.0	41.0	0.35	0.5	7.6
40	2"	40.0	47.7	0.35	0.5	8.8
50	2 1/2"	51.0	61.0	0.40	0.5	9.4

TECHNICAL CHARACTERISTICS OF PLT-CSST

- Material: austenitic stainless steel AISI 316L (designation: 1.4404 – X2CrNiMo17-12-2). Complying with EN10028-7.
- Protective coating: yellow LDPE (Low Density PolyEtylene).
- Operative Pressure (MOP): 0.5 Bar (principle required by Italian legislation; for other countries, refer to national legislation/regulation).

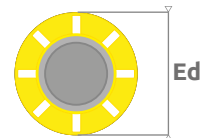
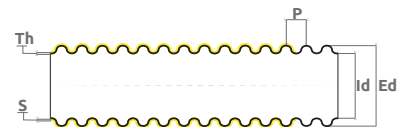
CERTIFICATIONS AND REFERENCE STANDARDS

- EUROGAS tubes complying with EN 15266 are suitable for gas plants of the I° family (city gas), II° family (natural gas: methane); III° family (LPG).
- KIWA UNI KIP-096877 (e-PRESS system up to DN25) & KIP-096291 (double o-ring and flanging system up to DN50).
- DVGW complying with G 5616; DG-4602CS0179.
- SVGW complying with G 5616; N° 19-011-6 SSIQA.

EUROGAS TUBES WITH STELLAR COATING

EUROGAS tubes are suitable both for concealed (inside walls and floors) and underground installations. EUROTIS SRL has developed a version of the PLT-CSST corrugated pipes with stellar coating.

Id: Internal diameter
Ed: External diameter
Th: Thickness PLT-CSST
S: LDPE coating
P: Pitch



DN	Thread connection	Id mm	Ed mm	Th mm	S mm	P mm	Total Ed mm
12	1/2"	12.0	15.8	0.30	0.5	5.0	29
15	3/4"	15.8	20.0	0.30	0.5	5.5	33

EUROTIS
Creatori di soluzioni

Eurotis S.r.l.
Via Quintino Sella 1 - ang. via A. Volta
20094 Corsico - MI - ITALY
Ph. +39 02 4501442 - Fax +39 02 4503023
info@eurotis.it

www.eurotis.it