

DIN EN 15266:2025-02 (E)

Stainless steel pliable corrugated tubing kits for gas installation pipework with an operating pressure up to 0,2 MPa (2 bar)

Contents		Page
European foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms, definitions and abbreviations	7
4	Design requirements	9
4.1	General	9
4.2	Nominal size DN, wall thickness and pressure drop	10
4.3	Threads	10
4.4	PLT fittings	10
4.5	Seals	11
4.6	Supports	11
4.7	Electrical conductivity requirements	11
4.8	Cover	11
4.9	Additional protection	12
4.10	Environment	12
5	Performance and test requirements	12
5.1	General	12
5.2	Tightness	16
5.3	Dimensional check	17
5.4	Bending performance	17
5.5	Crushing resistance	18
5.6	Stability under pressure	20
5.7	Wear resistance of outer cover	20
5.8	Structural strength test	21
5.9	Impact resistance	21
5.10	Penetration resistance	22
5.11	Resistance to pull out	23
5.12	Chemical resistance	23
5.13	Low temperature resistance	26
5.14	Ageing	26
5.15	Tightness in case of fire	28
5.16	Reaction to fire	29
5.17	Electrical conductivity	29
5.18	Pressure drop	30
5.19	Maximum load for admissible deformation of PLT support	36
5.20	Dangerous substances	37
6	Assembly and installation instruction	38
6.1	Instructions	38
6.2	Marking, labelling and packaging	39
Annex A (normative) Single-flame source test		41
A.1	General	41

A.2	Standardized mounting and fixing	41
A.3	Test definition	41
A.4	Test duration	41
Annex B (normative) Thermal attack by a single burning item		43
Annex C (informative) Factory Production Control		44
C.1	General	44
C.2	FPC recommendations for all manufacturers	44
C.3	Manufacturer's specific FPC system recommendations	45
Bibliography		47