



HIGHLY FLEXIBLE GAS HOSES ACC. TO EUROPEAN NORMS

EN 14800 GAS HOSES

FOR DOMESTIC USE

EUROPEAN
STANDARD

CE
CE 0085



What Does DIN EN 14800 Mean?

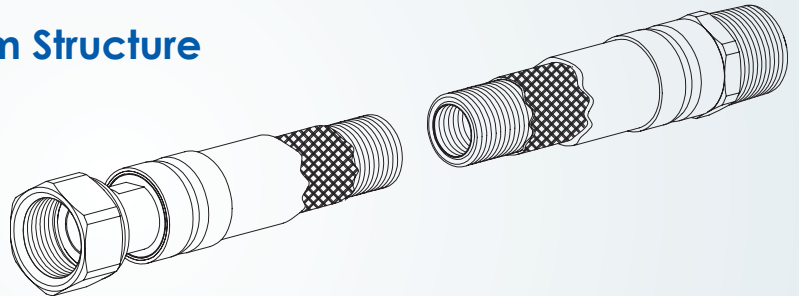
European Norm DIN EN 14800:2007 represents high safety standards for corrugated metal gas hoses used in domestic appliances intended for use by individual householder inside or outside dwelling throughout Europe.

This norm aims to improve the performance of the corrugated hose assemblies by defining certain materials for components and test methods, in order to achieve safe operation for Natural gas and LPG connections.



Highly Flexible Also Highly Firm Structure

Ayvaz DIN EN 14800 flexible metal hoses have a three layered structure which is consisted of, highly flexible corrugated stainless steel hose, stainless steel braiding and external PVC cover.



Hose: Stainless steel AISI 316L (1.4404) is used to make sure safe gas distribution by providing a highly flexible structure which is remarkably resistant to corrosion.

Braiding: Stainless Steel AISI 304 (1.4301) braiding is the second layer which is responsible to prevent overloads and protect the assembly from mechanical damages.

PVC Cover: Transparent PVC cover aims to protect the hose from the environmental and other outside influences likewise aggressive household cleaners.

PRODUCT FEATURES

Hose Type	Parallel corrugated metal hose
Hose Material	Stainless Steel AISI 316L (1.4404) acc. to EN ISO 10380
Braiding Material	Stainless Steel AISI 304 (1.4301)
Cover	Transparent PVC for the protection from household and other aggressive influences
Internals	Stainless Steel AISI 304 (1.4301)
Gaskets	NBR (Nitrile) rubber acc. to EN549
Norm	EN 14800:2007

DN	CONNECTION	LENGTH (mm)
12	1/2"x1/2"	500
		750
		1000
		1250
		1500
		2000

Advantages of Ayvaz's DIN EN 14800 Hose Against Classic Gas Hoses

- Offers a great connection for all indoor applications as a household gas hose to cookers, gas stoves and fireplaces, gas-operated grills, patio barbecues and heaters.
- Great service life provides the most economical connection.
- Reduces the cost and time of handling and installation with its highly flexible structure.
- Highly resistant against the external mechanic damages with its three layered design and internal corrosion.
- PVC cover makes it easier to clean by normal household cleaners and provides a more hygienic
- Highest degree of safety guarantees the highest level of health and safety for the users.
- CE approved as per DIN EN 14800
- Provides the best connection features possible at long connections and can be manufactures in all lengths from 500mm up to 2000mm
- Can be installed in tightest bending radius with no reduction in cross sectional area.

BAYONETTE SWIVEL NUT + ADAPTER FIXED NUT NIPPLE SWIVEL NUT

Fittings and Models

Ayvaz DIN EN 14800 flexible metal hoses can be manufactured with various connection fittings which are decided by the national gas association of each country.



Swivel Nuts: Nut in AISI 304 (1.4301) as per ISO 228 G 1/2 thread

Internal Parts: Internal parts in AISI 304 (1.4301)

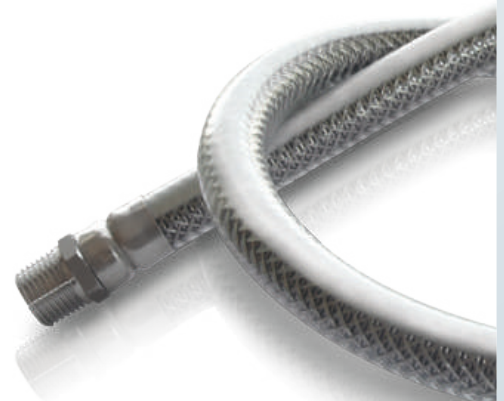
Nipple: Nipple in AISI 304 (1.4301) stainless steel as per ISO 7/1 R1/2 thread



Ordering Instructions

Ayvaz Standard EN 14800 hoses (M-F/F-F) can be ordered with the codes given in the table below at required lengths.

Please contact our sales team for different connection types.



LENGTH (mm)	N-GAS MALE / FEMALE	N-GAS FEMALE / FEMALE
	Art. Code	Art. Code
500	701.150.151.050	701.150.152.050
750	701.150.151.075	701.150.152.075
1000	701.150.151.100	701.150.152.100
1250	701.150.151.125	701.150.152.125
1500	701.150.151.150	701.150.152.150
2000	701.150.151.200	701.150.152.200



N-GAS
NATURAL GAS HOSE FOR
COOKERS, OVENS AND STOVES



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