

Braided Gas Connection Hose

1/2" Nut-DN12 Flex- 1/2" Nippel (M/F)

KAS®



TECHNICAL DATA SHEET

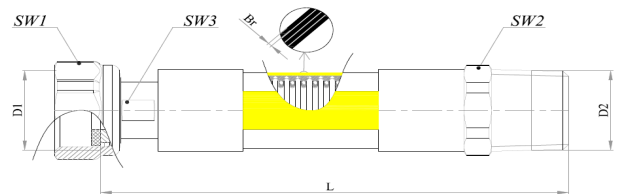
Product Name	Braided Gas Connection Hose 1/2" Nut-DN12 Flex-1/2" Nippel (M/F)
Standard	EN 14800
Working Temperature	Max. 60°C
Working Pressure	0.5 Bar
Intended Use	Gas Application

CHARACTERISTICS

Crushing strenght	Pass
Internal Pressure strenght	6 bar Pass
Longitudinal bending strenght	Pass
Maximum load for admissible deformation	1000 N Pass
Dimensional tolerances	Comply
Impact resistance	Pass
Penetration resistance	Pass
Electrostatic behaviour	0,101 Ω/m Comply
Tightness	≤ 10 cm ³ /h
Effectiveness	1,75 m ³ /h (1 Bar)
Mechanical strenght	6 Bar Pas
Permeability	≤ 10 cm ³ /h
Tightness(in case of fire)	650 °C for 30 minute Pass
Durability	Pass

MATERIAL SPECT

Corrugated Hose	Stainless Steel Acc. to EN 14800
Nippel	Stainless Steel Acc. to EN 14800
Tube	Stainless Steel Acc. to EN 14800
Nut	Brass Acc. to EN 14800
Braid	Stainless Steel Acc. to EN 14800
Cover	PVC Acc. to EN 14800
Gasketed	NBR Acc. to EN 14800
Ring	Stainless Steel Acc. to EN 14800



PRODUCT

CODE	DN	D1(inch)	D2(inch)	SW1(mm)	SW2(mm)	SW3(mm)	L(cm)	Br(mm)
54.06.050	12	G 1/2"	Rp 1/2"	24	22	14	50	Ø 0,18x4
54.06.075	12	G 1/2"	Rp 1/2"	24	22	14	75	Ø 0,18x4
54.06.100	12	G 1/2"	Rp 1/2"	24	22	14	100	Ø 0,18x4
54.06.125	12	G 1/2"	Rp 1/2"	24	22	14	125	Ø 0,18x4
54.06.150	12	G 1/2"	Rp 1/2"	24	22	14	150	Ø 0,18x4
54.06.175	12	G 1/2"	Rp 1/2"	24	22	14	175	Ø 0,18x4
54.06.200	12	G 1/2"	Rp 1/2"	24	22	14	200	Ø 0,18x4

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TS EN 14800 DN12 Flex INSTALLATION and USAGE INSTRUCTION

The following information contains information about assembly on "Cooker Connection Flex" that is trading name and is produced by Kayalar Pres Döküm San. ve Tic. Ltd. Şti. Company.

- 1- These products are safe metal hose sets for gas appliances for indoor use.
- 2- Deterioration or destruction of any part of the hose set requires the replacement of the entire hose set. Changes made to any part of the hose team mean that this team is not in compliance with the standard.
- 3- For nominal diameter DN12 Type-1 GAS is a metal hose sets without additional components with sheath and external protected.
- 4- These products can be used in gas, LPG, etc.
- 5- These products are manufactured according to EN 14800 Standard.
- 6- These products are certified "CE 0620" by Kiwa NL.



DESCRIPTION	EXTERNAL DIAMETER (mm)	INNER DIAMETER (mm)	MAX. PRESSURE (bar)	BENDING RADIUS (mm)	
				Installation	Usage
DN12 FLEX-S	17,0	12,2	500 mbar	35	110

- 7- Check the connection sizes and ports before assembly.
- 8- The sealing element can be used compatibly with gases such as gas or LPG during installation of products.
- 9- Check that there is a gasket in the product packaging to be used in the mounting of the union (inner threaded).
- 10- Before placing the gasket inside the counter, make sure that there is no any deformation on both surfaces (torn, cracked, etc.)
- 11- Verify the seal, after installation of hose set and fittings.
- 12- If the gaskets are deformed, do not use them and replace them with a new gasket.
- 13- Use "NBR" gasket for gaskets changes.

CONSIDERATIONS

- The hose should be assembled without any torsion during its installation.
- The hose should not be twisted in a smaller radius than the bending radius of the technical data shown in the table above.
- Two or more hose sets should not be connected to each other in order to increase total length.
- The hose kit should not be installed on the wall, floor or ceiling.
- The hose kit should not be installed at the inlet of the pressure drop valve.
- No adapter should be used to ensure compatibility of the connectors.
- If there is any doubt about the suitability of the connection parts and the connection parts in the device or the gas supply, the hose kit should not be installed.
- These products should not be kept in warmer areas than 60 °C.
- Ensure that these products provide sufficient flow rate for the intended use.
- All installations must be carried out in accordance with the applicable local laws and national legislation as well as common practice rules.
- The installation instructions of the hose kit manufacturer, including instructions on the location and arrangement of the port, as well as the instructions of the device manufacturer, must be followed.

Installation of the products must only be carried out by authorized personnel!