Flexible Hoses

Technical Data for Installation and Operation

CLIMATE CONTROL SYSTEMS

Technische Änderungen vorbehalten

PR 24002.820 Gültig seit 27-04-2017

KE KELIT NZ Ltd.
Phone: 0800 45353548
Email: climatecontrol@kekelit.co.nz
Web: www.kekelit.co.nz

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1. Use Fundamentals

for flexible connections from 1/2" to 2"

- with zinced braid (interwoven spiral strands) for heating and industry, TÜV-tested
- with stainless steel braid for non-drinking water and air conditioning systems, TÜV-tested
- with stainless steel braid for drinking water according to DVGW 543, W 270 tested and approved for heating, air conditioning by TÜV

- resistant against water and glycol-based anti-freeze
- EPDM material for heating and air-conditioning / silicone material for sanitary use
- diverse connection options

1.1 General notes on safety and use of the reinforced hoses

- Use reinforced hoses for their intended use only. In the event of deviations it is necessary to consult the manufacturer.
- Install reinforced hoses only in places which provide sufficient protection against mechanical damage. Keep corrosive media (cement, gypsum) away from the hoses, do not paint over the hoses. Protect rustproof material against halogens, contact with iron, iron particles and rust.
- Do not allow an electric current to flow through the reinforced hoses, do not use as a protective earth (PE) conductor or return conductor (note for equipotential bonding measures)!
- The hose lengths and bending radii must be greater than the respective minimum values specified for a certain bending angle. Further details are given under the respective hoses.
- Insulation is to be used according to the applicable regulations and may not attack the braiding and hose material. It is also necessary to note that condensation can form. Insulation covering rustproof sheathings may not release any halogens.
- In general, stainless steel sheathings are to be used if there is a risk of corrosion, e.g. due to the formation of condensation.
- The reinforced hoses may not be used for concealed installation. They must be inspected at appropriate intervals and replaced if safety defects are identified.
- Due to the production process used the hoses have a longitudinal tolerance of + 5 % of their total length.
- The flexible hoses can be used at operating temperatures between-5°C and 110°C
- In addition to the notes given here, the special notes given under the respective hose types must also be noted.
- The manufacturer's specifications regarding the appropriate seals must be observed, e.g. information provided by the seal manufacturer about tightening the Centellen flat seals

DN	Max. tightening torque, approx. value in [Nm]	DN	Max. tightening torque, approx. value in [Nm]
15	12	32	42
20	20	40	53
25	26	50	67

All valid standards and regulations must be complied with during installation and operation!

1.2 Transport and storage

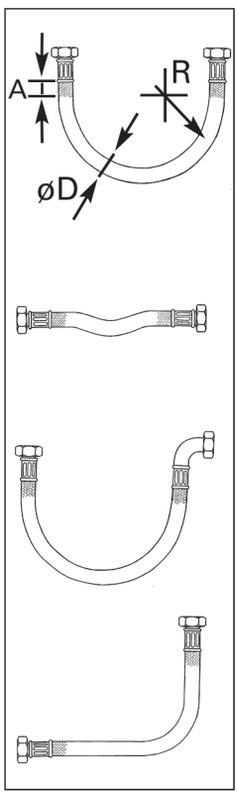
When packing the reinforced hoses, ensure the minimum radius is always maintained to prevent kinks. They must be stored in a dry place, protected against mechanical effects such as impacts and knocks. Light-protected storage is recommended for reinforced hoses with rubber as hose material.

1. Use Fundamentals

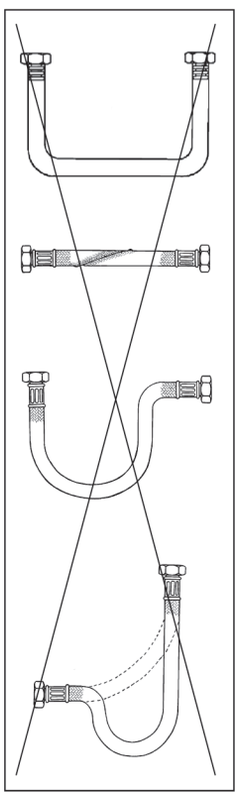
1.3 Installation

- The notes on safety and use of reinforced hoses given above and in the following are to be noted and followed!
- The installation sketches given below must be noted and followed.
- Do not apply any compressive, tensile or torsional stresses to the hoses during installation.
- Always comply with the minimum bending radii given in the specifications.
- Do not bend hoses in the immediate vicinity of the connection points.

Correct installation



Incorrect installation



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2. Reinforced Hoses for Heating and Air Conditioning

Important! The notes given in the section on reinforced hoses for drinking water and gas hoses apply to these specific uses.

2.1 Description

The reinforced hoses are made from a high-quality, agingresistant EPDM rubber hose covered with braiding made of zinced steel wire or corrosion-resistant stainless steel wire, depending on the type.The connections are compressed with ferrules and are available as various types. The connections are made of brass (bends made of copper).

2.2 Special notes on safety and use (for general notes, see 1.1)

- meiflex- reinforced hoses with zinced braiding are intended for use in heating systems.
- meiflex- reinforced hoses with braiding made of stainless
- steel can be used in heating and air conditioning systems.
- They are not approved for use with gas.
- The rubber quality used is not resistance against mineral oils. It is resistant against water, standard water additives used in the industry and glycol-based anti-freeze (max 50 %). Further details on resistance are available on request.
- The inner hose is not diffusion-tight with respect to atmospheric oxygen.

2. Reinforced Hoses for Heating and Air Conditioning

2.3 Technical data

Notes:

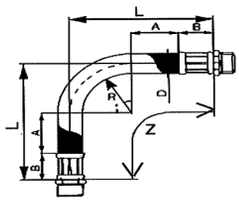
- The nominal sizes given are based on the inner hose diameter. For details of the various possible connection fittings please refer to the price list or the tables in this technical information.

Technical data of the reinforced hoses made of EPDM

Area of use	Material			Nominal size	Outer diameter of hose with braiding (in mm)	Minimum dimensions for curved installation Fig. 1 (in mm)						Test	Pressure level	Max. permissible temperature	Identification	
					D	R	A	B	Unit spacing (between axes) L	Length Z at 90°	Length Z at 180°		in bar (ü)	in °C	Stripes in braiding	Imprint on the ferrules
	Hose	Braiding	Ferrule	DN									max	max		
Heating	EPDM	Steel/ zinc-plated	Aluminium	15	20	55	60	23	147	267	368	Tüv	10	110	None	MS LUX TÜV Year/Month 110° DN 15 PN 10
			Aluminium	18	26	78	70	30	191	343	486	Tüv	10	110	None	MS LUX TÜV Year/Month 110° DN 18 PN 10
			Aluminium	25	33	99	110	34	260	470	652	Tüv	10	110	None	MS LUX TÜV Year/Month 110° DN 25 PN 10
			Aluminium	32	42	126	130	55	332	600	830	Tüv	6	110	None	MS LUX TÜV Year/Month 110° DN 32 PN 6
			Aluminium	40	53	137	150	58	404	730	1008	Tüv	6	110	None	MS LUX TÜV Year/Month 110° DN 40 PN 6
			Aluminium	50	65	160	170	65	476	860	1186	Tüv	6	110	None	MS LUX TÜV Year/Month 110° DN 50 PN 6
Heating and air conditioning	EPDM	Stainless Steel	Stainless Steel	10	13	40	50	20	117	213	286	Tüv	10	110	2 x red	MS LUX TÜV Year/Month 110° DN 10 PN 10
			Stainless Steel	13	18	55	60	23	147	267	368	Tüv	10	110	2 x red	MS LUX TÜV Year/Month 110° DN 13 PN 10
			Aluminium	15	20	55	60	23	147	267	368	Tüv	10	110	2 x red	MS LUX TÜV Year/Month 110° DN 15 PN 10
			Aluminium	18	26	78	70	30	191	343	486	Tüv	10	110	2 x red	MS LUX TÜV Year/Month 110° DN 18 PN 10
			Aluminium	25	33	99	110	34	260	470	652	Tüv	10	110	2 x red	MS LUX TÜV Year/Month 110° DN 25 PN 10
			Aluminium	32	42	126	130	55	332	600	830	Tüv	10	110	2 x red	MS LUX TÜV Year/Month 110° DN 32 PN 10
			Aluminium	40	53	137	150	58	404	730	1068	Tüv	6	110	2 x red	MS LUX TÜV Year/Month 110° DN 40 PN 6
			Aluminium	50	65	160	170	65	476	860	1186	Tüv	6	110	2 x red	MS LUX TÜV Year/Month 110° DN 50 PN 6

Note: With lower maximum temperatures, higher pressures are possible, e.g. at 100°C: 16 bar instead of 10 bar

Fig. 1



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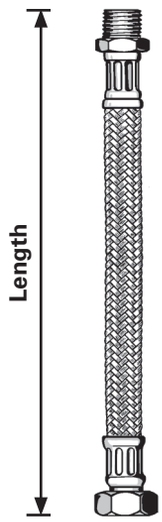
2.3.1 Reinforced hoses for heating (with zinced braiding)

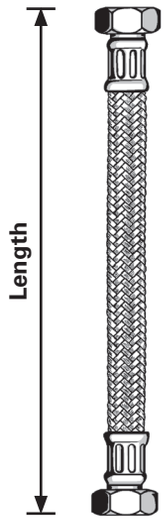
Internal thread x external thread	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	15	4325.0121.30
	500	15	4325.0121.50
	700	15	4325.0121.70
	1000	15	4325.0121.100
3/4″ x 3/4″	300	18	4325.0127.30
	500	18	4325.0127.50
	700	18	4325.0127.70
	1000	18	4325.0127.100
1″ x 1″	300	25	4325.0134.30
	500	25	4325.0134.50
	700	25	4325.0134.70
	1000	25	4325.0134.100
1 1/4″ x 1 1/4″	300	32	4325.0142.30
	500	32	4325.0142.50
	700	32	4325.0142.70
	1000	32	4325.0142.100
1 1/2″ x 1 1/2″	300	40	4325.0148.30
	500	40	4325.0148.50
	700	40	4325.0148.70
	1000	40	4325.0148.100
2″ x 2″	500	50	4325.0160.50
	700	50	4325.0160.70
	1000	50	4325.0160.100



Other lengths available on request.

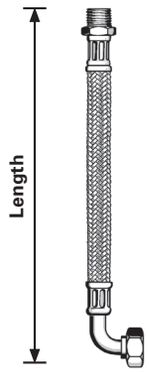
2. Reinforced Hoses for Heating and Air Conditioning

Internal thread x internal thread	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	15	4325.0221.30
	500	15	4325.0221.50
	700	15	4325.0221.70
	1000	15	4325.0221.100
3/4″ x 3/4″	300	18	4325.0227.30
	500	18	4325.0227.50
	700	18	4325.0227.70
	1000	18	4325.0227.100
1″ x 1″	300	25	4325.0234.30
	500	25	4325.0234.50
	700	25	4325.0234.70
	1000	25	4325.0234.100
1 1/4″ x 1 1/4″	300	32	4325.0242.30
	500	32	4325.0242.50
	700	32	4325.0242.70
	1000	32	4325.0242.100
1 1/2″ x 1 1/2″	300	40	4325.0248.30
	500	40	4325.0248.50
	700	40	4325.0248.70
	1000	40	4325.0248.100
2″ x 2″	500	50	4325.0260.50
	700	50	4325.0260.70
	1000	50	4325.0260.100

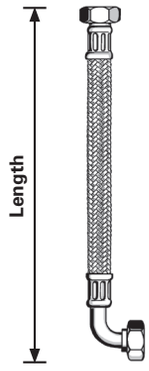


Other lengths available on request.

External thread x bend	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	15	4327.0121.30
	500	15	4327.0121.50
	700	15	4327.0121.70
	1000	15	4327.0121.100
3/4″ x 3/4″	300	18	4327.0127.30
	500	18	4327.0127.50
	700	18	4327.0127.70
	1000	18	4327.0127.100
1″ x 1″	300	25	4327.0134.30
	500	25	4327.0134.50
	700	25	4327.0134.70
	1000	25	4327.0134.100



Internal thread x bend	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	15	4327.0221.30
	500	15	4327.0221.50
	700	15	4327.0221.70
	1000	15	4327.0221.100
3/4″ x 3/4″	300	18	4327.0227.30
	500	18	4327.0227.50
	700	18	4327.0227.70
	1000	18	4327.0227.100
1″ x 1″	300	25	4327.0234.30
	500	25	4327.0234.50
	700	25	4327.0234.70
	1000	25	4327.0234.100

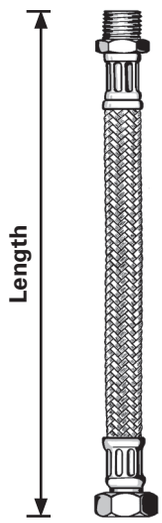


Other lengths available on request.

2. Reinforced Hoses for Heating and Air Conditioning

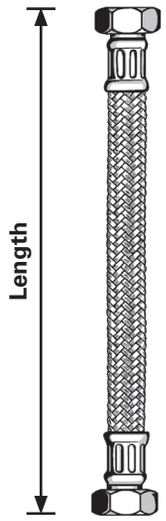
2.3.2 Reinforced hoses for heating and air conditioning (stainless steel braiding with red markings)

Internal thread x external thread	Length mm	Internal Ø mm	Product No.
1/2″ x 3/8″	300	10	4315.0102.30
	500	10	4315.0102.50
1/2″ x 1/2″	300	10	4315.0104.30
	500	10	4315.0104.50
1/2″ x 1/2″	300	13	4315.1104.30
	500	13	4315.1104.50
	700	13	4315.1104.70
	1000	13	4315.1104.100
3/4″ x 1/2″	300	13	4315.1105.30
	500	13	4315.1105.50
1/2″ x 3/4″	300	13	4315.1106.30
	500	13	4315.1106.50
3/4″ x 3/4″	300	13	4315.1107.30
	500	13	4315.1107.50
	700	13	4315.1107.70
	1000	13	4315.1107.100
1/2″ x 1/2″	300	15	4325.1121.30
	500	15	4325.1121.50
	700	15	4325.1121.70
	1000	15	4325.1121.100
3/4″ x 3/4″	300	18	4325.1127.30
	500	18	4325.1127.50
	700	18	4325.1127.70
	1000	18	4325.1127.100
1″ x 1″	300	25	4325.1134.30
	500	25	4325.1134.50
	700	25	4325.1134.70
	1000	25	4325.1134.100
1 1/4″ x 1 1/4″	300	32	4325.1142.30
	500	32	4325.1142.50
	700	32	4325.1142.70
	1000	32	4325.1142.100
1 1/2″ x 1 1/2″	300	40	4325.1148.30
	500	40	4325.1148.50
	700	40	4325.1148.70
	1000	40	4325.1148.100
2″ x 2″	500	50	4325.1160.50
	700	50	4325.1160.70
	1000	50	4325.1160.100



Other lengths available on request.

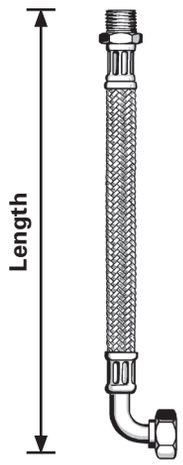
Internal thread x internal thread	Length mm	Internal Ø mm	Product No.
3/8″ x 3/8″	300	10	4315.0201.30
	500	10	4315.0201.50
1/2″ x 1/2″	300	10	4315.0204.30
	500	10	4315.0204.50
1/2″ x 1/2″	300	13	4315.1204.30
	500	13	4315.1204.50
3/4″ x 3/4″	300	13	4315.1207.30
	500	13	4315.1207.50
1/2″ x 1/2″	300	15	4325.1221.30
	500	15	4325.1221.50
	700	15	4325.1221.70
	1000	15	4325.1221.100
3/4″ x 3/4″	300	18	4325.1227.30
	500	18	4325.1227.50
	700	18	4325.1227.70
	1000	18	4325.1227.100
1″ x 1″	300	25	4325.1234.30
	500	25	4325.1234.50
	700	25	4325.1234.70
	1000	25	4325.1234.100
1 1/4″ x 1 1/4″	300	32	4325.1242.30
	500	32	4325.1242.50
	700	32	4325.1242.70
	1000	32	4325.1242.100



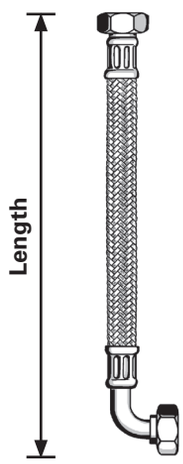
Other lengths available on request.

2. Reinforced Hoses for Heating and Air Conditioning

External thread x bend	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	15	4327.1121.30
	500	15	4327.1121.50
	700	15	4327.1121.70
	1000	15	4327.1121.100
3/4″ x 3/4″	300	18	4327.1127.30
	500	18	4327.1127.50
	700	18	4327.1127.70
	1000	18	4327.1127.100
1″ x 1″	300	25	4327.1134.30
	500	25	4327.1134.50
	700	25	4327.1134.70
	1000	25	4327.1134.100



Internal thread x bend	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	15	4327.1221.30
	500	15	4327.1221.50
	700	15	4327.1221.70
	1000	15	4327.1221.100
3/4″ x 3/4″	300	18	4327.1227.30
	500	18	4327.1227.50
	700	18	4327.1227.70
	1000	18	4327.1227.100
1″ x 1″	300	25	4327.1234.30
	500	25	4327.1234.50
	700	25	4327.1234.70
	1000	25	4327.1234.100



Other lengths available on request.

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3. Silicone Reinforced Hoses for Heating, Air Conditioning and Drinking Water

stainless steel braiding with red/red/blue marking

IMPORTANT:
The notes given regarding gas hoses apply.

3.1 Description

The reinforced hoses are made from a high-quality, bacterially safe silicone rubber hose, covered with braiding made of corrosion-resistant stainless steel wire. The connections are compressed with ferrules and are available as various types.

3.2 Special notes on safety and use (for general notes, see 1.1)

- Meiflex – silicone reinforced hoses can be used for drinking water as well as in heating and air conditioning systems. Use in drinking water must be in accordance with the relevant DVGW guidelines. Classification of the hoses in accordance with DVGW W543 is given in the technical data.
- The rubber quality is resistant against water, standard water additives used in the industry and glycol-based antifreeze (max 50 %). Further details on resistance are available on request.
- They are not approved for use with gas.

3. Silicone Reinforced Hoses for Heating, Air Conditioning and Drinking Water

3.3 Techical data

Notes:

- The nominal sizes given are based on the inner hose diameter. For details of the various possible connection fittings please refer to the price list or the tables in this technical information.
- Each of the hoses are fitted with hoses with two differently imprinted ferrules. Imprint according to table.

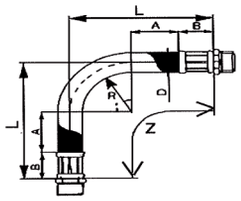
Technical data of the reinforced hoses made of silicone

Area of use	Material			Nenn-weite	Outer diameter of hose with braiding (in mm)	Minimum dimensions for curved installation Fig. 1 (in mm)						Test	Pressure level	Max. permissible tempera-ture	Identification	
					D	R	A	B	Unit spacing (between axes) L	Length Z at	Length Z at		in bar (ü)	in °C	Stripes in braiding	Imprint on the ferrules
	Hose	Braiding	Ferrule	DN						90°	180°		max	max		
Drinking water or heating / air conditioning	Silicone	Stainless Steel	Stainless Steel	8	12	36	30	18	90	162	228	DVGW W-543 I	10	90	2 x red 1x blue	MS LUX DVGW Year/Month 90° DN 8 PN 10
												TÜV	10	110		MS LUX TÜV 110° DN 8 PN 10
			Stainless Steel	13	18	55	60	23	147	267	368	DVGW W-543 I	10	90	2 x red 1x blue	MS LUX DVGW Year/Month 90° DN 13 PN 10
												TÜV	10	110		MS LUX TÜV 110° DN 13 PN 10
			Stainless Steel	18	26	78	70	30	191	343	486	DVGW W-543 I	10	90	2 x red 1x blue	MS LUX DVGW Year/Month 90° DN 18 PN 10
												TÜV	10	110		MS LUX TÜV 110° DN 18 PN 10
			Stainless Steel	25	33	99	110	34	260	470	652	DVGW W-543 I	10	90	2 x red 1x blue	MS LUX DVGW Year/Month 90° DN 25 PN 10
												TÜV	10	110		MS LUX TÜV 110° DN 25 PN 10
			Stainless Steel	32	42	126	130	55	332	600	830	DVGW W-543 I	10	90	2 x red 1x blue	MS LUX DVGW Year/Month 90° DN 32 PN 10
												TÜV	10	110		MS LUX TÜV 110° DN 32 PN 10

Note:

- With lower maximum temperatures, higher pressures are possible, e.g. at 100°C: 16 bar instead of 10 bar

Fig. 2



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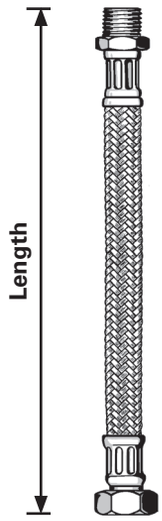
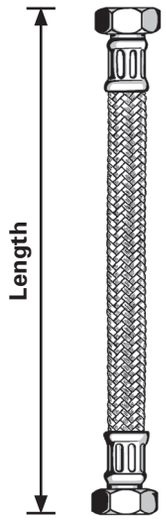
Internal thread x external thread	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	13	5715.1104.30
	500	13	5715.1104.50
	700	13	5715.1104.70
	1000	13	5715.1104.100
3/4″ x 1/2″	300	13	5715.1105.30
	500	13	5715.1105.50
1/2″ x 3/4″	300	13	5715.1106.30
	500	13	5715.1106.50
3/4″ x 3/4″	300	13	5715.1107.30
	500	13	5715.1107.50
	700	13	5715.1107.70
	1000	13	5715.1107.100
3/4″ x 3/4″	300	18	5725.1127.30
	500	18	5725.1127.50
	700	18	5725.1127.70
	1000	18	5725.1127.100
1″ x 1″	300	25	5725.1134.30
	500	25	5725.1134.50
	700	25	5725.1134.70
	1000	25	5725.1134.100
1 1/4″ x 1 1/4″	300	32	5725.1142.30
	500	32	5725.1142.50
	700	32	5725.1142.70
	1000	32	5725.1142.100



Other lengths available on request.

3. Silicone Reinforced Hoses for Heating, Air Conditioning and Drinking Water

Internal thread x internal thread	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	13	5715.1204.30
	500	13	5715.1204.50
	700	13	5715.1204.70
	1000	13	5715.1204.100
3/4″ x 3/4″	300	13	5715.1207.30
	500	13	5715.1207.50
3/4″ x 3/4″	300	18	5725.1227.30
	500	18	5725.1227.50
	700	18	5725.1227.70
	1000	18	5725.1227.100
1″ x 1″	300	25	5725.1234.30
	500	25	5725.1234.50
	700	25	5725.1234.70
	1000	25	5725.1234.100
1 1/4″ x 1 1/4″	300	32	5725.1242.30
	500	32	5725.1242.50
	700	32	5725.1242.70
	1000	32	5725.1242.100



Other lengths available on request.

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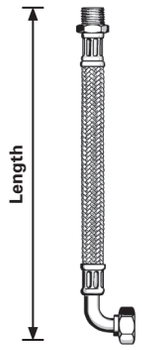
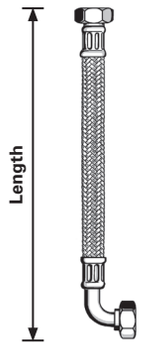
External thread x bend	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	13	5715.1604.30
	500	13	5715.1604.50
	700	13	5715.1604.70
	1000	13	5715.1604.100
3/4″ x 3/4″	300	18	5727.1127.30
	500	18	5727.1127.50
	700	18	5727.1127.70
	1000	18	5727.1127.100
1″ x 1″	300	25	5727.1134.30
	500	25	5727.1134.50
	700	25	5727.1134.70
	1000	25	5727.1134.100



Internal thread x bend	Length mm	Internal Ø mm	Product No.
1/2″ x 1/2″	300	13	5715.1704.30
	500	13	5715.1704.50
	700	13	5715.1704.70
	1000	13	5715.1704.100
3/4″ x 3/4″	300	18	5727.1227.30
	500	18	5727.1227.50
	700	18	5727.1227.70
	1000	18	5727.1227.100
1″ x 1″	300	25	5727.1234.30
	500	25	5727.1234.50
	700	25	5727.1234.70
	1000	25	5727.1234.100



Other lengths available on request.

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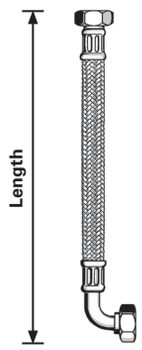
Female thread x elbow	Length mm	Internal Ø mm	Art. no.
3/4″ x 3/4″	1000	13	5715.1707.100
	2000	13	5715.1707.200

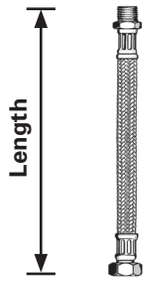


Other lengths available on request.

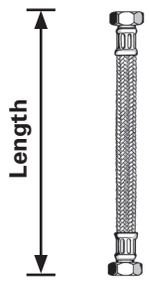
3. Silicone Reinforced Hoses for Heating, Air Conditioning and Drinking Water

3.3.1 Silicone for fitting connection (Stainless steel braiding with red/red/blue marking)

Internal thread x external thread	Length mm	Internal Ø mm	Product No.
1/2″ x 3/8″	300	8	5715.0102.30
	500	8	5715.0102.50
1/2″ x 1/2″	300	8	5715.0104.30
	500	8	5715.0104.50

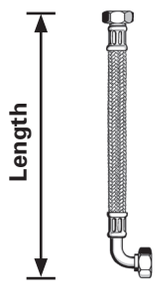


Internal thread x internal thread	Length mm	Internal Ø mm	Product No.
1/2″ x 3/8″	300	8	5715.0201.30
	500	8	5715.0201.50
1/2″ x 3/8″	300	8	5715.0202.30
	500	8	5715.0202.50
1/2″ x 1/2″	300	8	5715.0204.30
	500	8	5715.0204.50



Internal thread x bend	Length mm	Internal Ø mm	Product No.
3/8″ x 3/8″	300	8	5717.0201.30
	500	8	5715.0201.50

Other lengths available on request.



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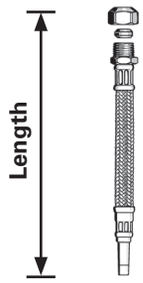
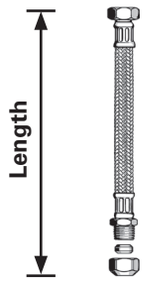
Crimped threaded coupling x pipe end	Length mm	Internal Ø mm	Product No.
10 mm x 10 mm	300	8	5715.5310.30
	500	8	5715.5310.50

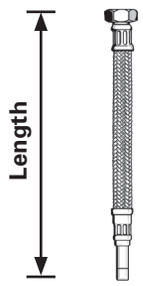


Internal thread x crimped threaded coupling	Length mm	Internal Ø mm	Product No.
3/8″ x 10 mm	300	8	5715.2210.30
	500	8	5715.2210.50
1/2″ x 10 mm	300	8	5715.2212.30
	500	8	5715.2212.50



Internal thread x pipe end	Length mm	Internal Ø mm	Product No.
3/8″ x 10 mm	300	8	5715.5210.30
	500	8	5715.5210.50
1/2″ x 10 mm	300	8	5715.5212.30
	500	8	5715.5212.50

Other lengths available on request.



4. Gas Pressure Hoses

4.1 Description

The gas pressure hoses are made from a stainless steel corrugated pipe fitted with stainless steel wire braiding. The connections made of malleable cast iron are hard brazed. At one end there is a threaded coupling with tapered seal and internal threaded connection, at the other end a hexagon nipple with external threaded connection (tapered pipe thread).

4.2 Special notes on safety and use (for general notes, see 1.1)

The notes given here apply to the product, all other guidelines / regulations concerning its installation and use in gas systems are not included; compliance with these is the responsibility of the user! Please note that country-specific regulations can apply!

- The hoses may only be installed by a qualified specialist firm with the approvals required by law.
- The part carrying the medium is made from stainless steel. The special notes given under 1.1. (no contact with iron, halogens, etc.) must be noted and observed!
- Do not lay hoses through hot zones (i.e. not over 100 °C).
- Work extremely carefully when sealing in (risk of tearing open the malleable cast iron couplings if too much sealant used)
- The hoses may not be used as vibration compensators. Vibration effects of any type (axial and radial) are to be avoided due to the risk of material fatigue.
- Avoid multiple bending and deformation of the hoses in the same place; the material becomes hard and can break if subjected to repeated mechanical deformation in the same place.
- Note and follow the information sheets included in the deliveries.

4.3 Technical data

Minimum bending radii

The following table contains the minimum bending radii depending on the nominal size:

Nominal size	Smallest allowable bending radius (for bending once)
DN 12	45 mm
DN 20	70 mm
DN 25	85 mm

Approvals/acceptance inspections

DIN-DVGW for gas

Allowable temperatures and operating pressures, materials

- Corrugated pipe - Material No.: 1.4404
- Braiding - Material No.: 1.4301
- Connections - Malleable cast iron

Max operating pressure

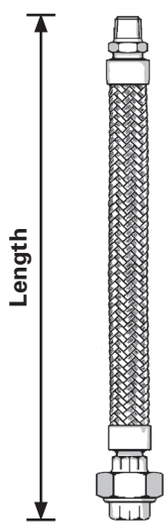
for gas
- 4 bar at 100 °C maximum

for use in heating systems (medium is water)
- 25 bar at +20°C
- 20 bar at +100°C
- 17 bar at +200°C
- 15 bar at +300 °C

Identification

The hoses are identified by the following imprint on the caps:
- DIN DVGW – number
- PN 4 (applies to gas)
- and other details given by the manufacturer

Type	Length mm	Product No.
Connection size = 1/2" DN 12	300	46163.30
	500	46163.50
	800	46163.80
	1000	46163.100
	1000	46163.100
Connection size = 3/4" DN 20	300	46162.30
	500	46162.50
	800	46162.80
	1000	46162.100
Connection size = 1" DN 25	300	46161.30
	500	46161.50
	800	46161.80
	1000	46161.100



Other lengths available on request.

5. Accessories

Type		Product No.
MS nipple	3/8″	43.66122 MS
(flat sealing)	1/2″	43.66123 MS
	3/4″	43.66124 D
	1″	43.66125 MS
	1 1/4″	43.66126 MS
	1 1/2″	43.66133 D

Type		Product No.
IG/AG MS nipple	3/8″	43.66132 MS
(flat sealing)	1/2″	43.66131 MS
	3/4″	43.66127 MS
	1″	43.66128 MS
	1 1/4″	43.66129 MS
	1 1/2″	43.66135 MS
	2″	43.66136 MS

Type		Product No.
IG/AG MS angle	3/8″	43.66141 MS
(AG not flat sealing)	1/2″	43.66142 MS
	3/4″	43.66143 MS
	1″	43.66144 MS
	1 1/4″	43.66145 MS
	1 1/2″	43.66137 MS
	2″	43.66138 MS

Type		VPE	Product No.
Seal (asbestos-free)	3/8″	100	43.66151
	1/2″	100	43.66152
	3/4″	100	43.66153
	1″	100	43.66154
	1 1/4″	100	43.66155
	1 1/2″	100	43.66156
	2″	100	43.66157

VPE = Packaging unit

KE KELIT NZ Ltd.
0800 4 KE KELIT
0800 4 5353548
climatecontrol@kekelit.co.nz
www.kekelit.co.nz