

GENERAL

By addressing issues that could result in high pressure vibration and noise during installation, Kayse Fan-Coil hoses offer a useful, simple, and secure connection. Spot corrosions that could result from moisture at the fitting connection (welding points) are prevented by its unique welding technology, and optional welding protection sheaths also prevent issues that could result from improper grounding, ensuring that the installation is fully sealed for many years. The systems make use of fan-coil connections, combi boilers, water heaters, reservoirs, sanitary systems, solar energy systems, etc.

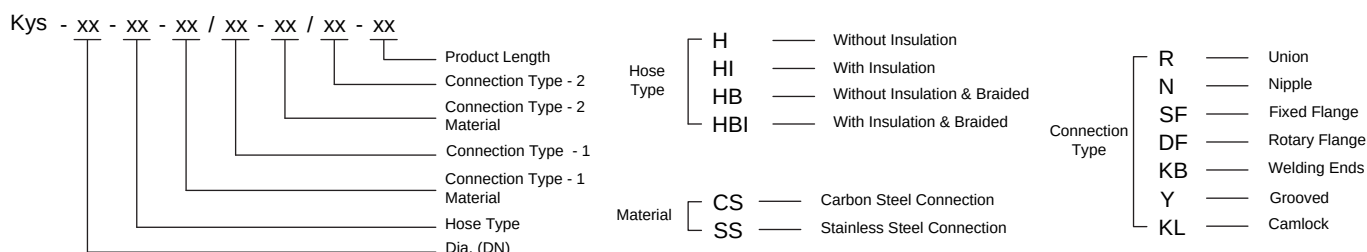


ADVANTAGES

It provides full sealing and is long-lasting
 Vibration impacts are kept to a minimum thanks to its flexible structure
 Without cross-sectional constriction, fluid transmission is guaranteed
 Attaches quickly to nearly all types of fittings
 Depending on the material they are made of, metal hoses can withstand temperatures of up to 700–800 °C Unlike the majority of other hose types, it can handle a wide range of substances.



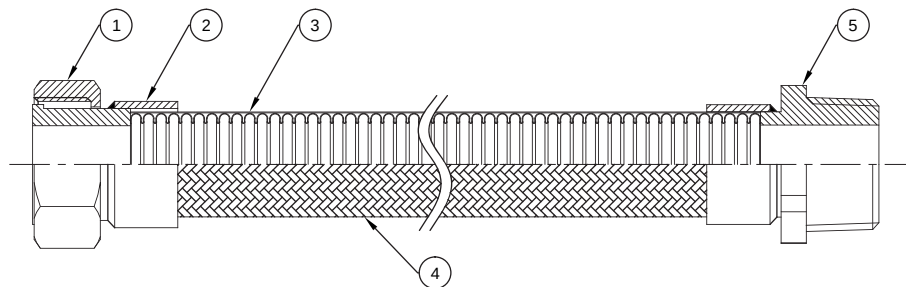
ORDER CODES



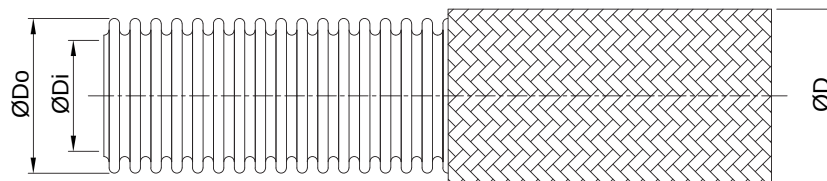
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Standard Product Materials		Optional Product Materials	
Hose	1.4301 (AISI 304)	Hose	1.4401 (AISI 316)
Braid	1.4301 (AISI 304)	Braid	1.4401 (AISI 316)
Fittings	1.0038 (St 37-2)	Fittings	Stainless Steel

Design Parameters	
Design Pressure	0 - 140 bar
Design Temperature	100 °C (max.)
Connection Dia.	DN12 - DN65
Connection Types	Union x Nipple / Union x Union / Nipple x Nipple
Certificates	TSE - CE Module H (Optional)



Part Number	Properties	
	Part Name	Materials
1	Union (Nipple Optional)	1.0038 (ST 37-2)
2	Reinforcement Ring	1.4301 (AISI 304)
3	Flexible Metal Hose	1.4301 (AISI 304)
4	Braid	1.4301 (AISI 304)
5	Nipple (Union Optional)	1.0038 (ST 37-2)



Kys...HB (Braided)

DN		Di (mm)	Do (mm)	D (mm)	Bending Radius (mm)		Operating Pressure Single Ply (bar)	Operating Pressure Two Ply (bar)
mm	inch				Static	Dynamic		
12	1/2"	12,1	16,7	17,5	50	200	80,0	128,0
16	5/8"	16,2	21,6	23,1	50	200	70,0	112,0
20	3/4"	20,7	26,8	28,4	70	200	64,0	102,0
25	1"	25,7	32,3	35,0	90	200	50,0	80,0
32	1 1/4"	32,7	41,1	42,0	110	250	40,0	64,0
40	1 1/2"	40,7	49,1	50,8	130	250	30,0	48,0
50	2"	50,7	60,2	62,5	175	350	28,0	44,0
65	2 1/2"	65,7	80,1	82,5	200	410	24,0	38,0

* Please contact our sales team for different connection sizes and materials