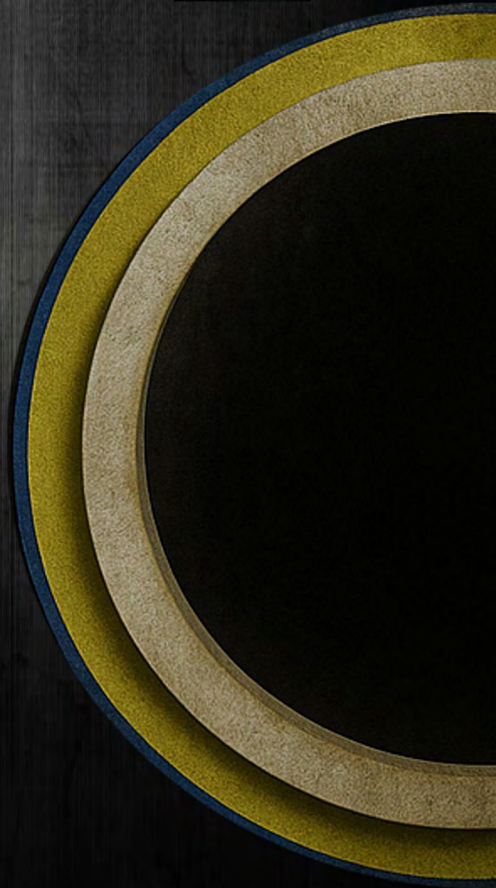
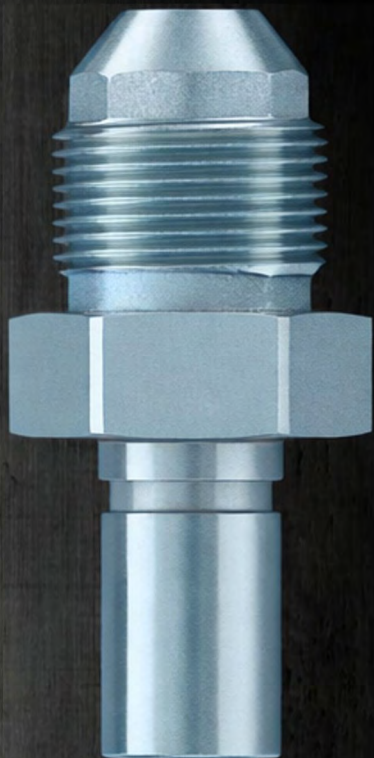




NEOPER COVER



SEALING



Offshore Hoses

OFFSHORE HOSE LINE

The O&G series was developed to meet the application requirements of Oil & Gas, Offshore and Marine sectors, where light weight, fluid compatibility, compactness and durability are essential, especially when combined with very harsh or extreme environmental conditions.

Standard:

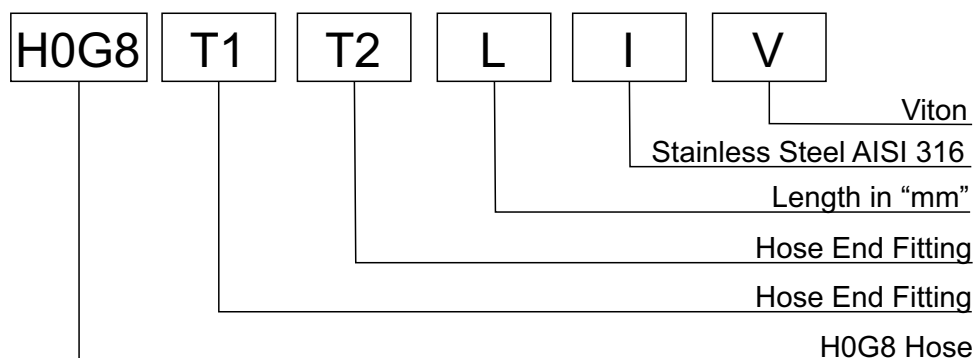
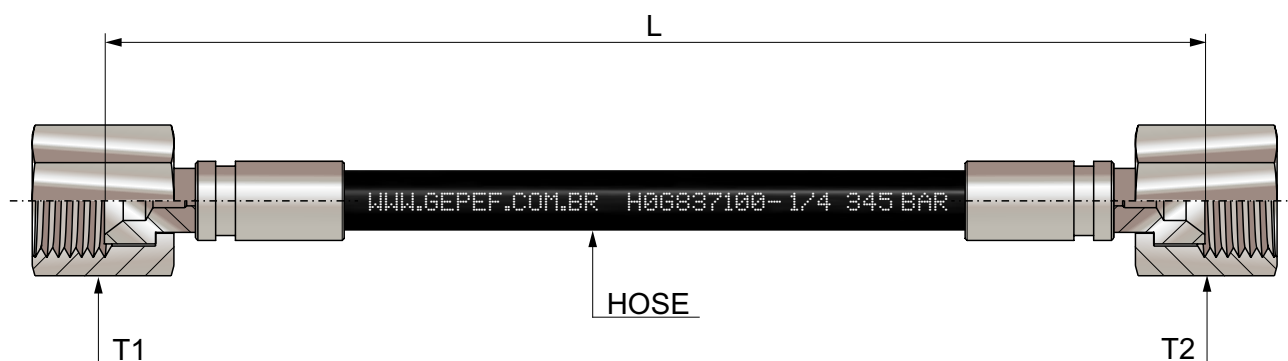
Designed and manufactured in accordance with the requirements of API 17E / ISO 13628-5 (Umbilicals), DNV-GL and MSHA standards.

Applications:

The O&G series can be applied in subsea hydraulic circuits, injection and general control systems (methanol injection), BOP control, ROV connection, handling of compatible gases, and subsea operations on platforms/vessels (Air, O₂, Nitrox).

Pressure:

Offers a complete range of long-length solutions, from 3/16" (Pilot Lines) up to 1" inside diameter, with working pressures of 5,000, 10,000 and 15,000 PSI.



Coding example:

HOG8M37100 (#) 1/4 C 7/16-20 UNF x 1.000mm (Hose HOG8M37100 (#) 1/4 with C 7/16-20 UNF end fittings, 1000mm length).

For AISI 316 stainless steel, add the letter I at the end of the code.

For Viton (FKM) or EPDM seals, add the letter V or E at the end of the code.

If another type of hose or fitting not listed in this catalog is required, please contact our technical department.



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
H0G827100 (Δ)	3/16"	-3	5	4,8 mm	10,0 mm	345 / 5000	35 mm	72
H0G837100 (Δ)	1/4"	-4	6	6,4 mm	11,8 mm	345 / 5000	50 mm	84
H0G8M37100 (#)	1/4"	-4	6	6,4 mm	14,8 mm	689 / 10000	50 mm	152
H0G8M37100K3 (**)	1/4"	-4	6	6,4 mm	14,8 mm	1.034 / 15000	50 mm	152
H0G857100 (Δ)	3/8"	-6	10	9,7 mm	16,0 mm	345 / 5000	80 mm	139
H0G8M57100 (#)	3/8"	-6	10	9,7 mm	18,0 mm	689 / 10000	90 mm	197
H0G867100 (Δ)	1/2"	-8	12	13,0 mm	22,0 mm	345 / 5000	100 mm	274
H0G8M67100K3 (**)	1/2"	-8	12	13,0 mm	24,0 mm	689 / 10000	110 mm	348
H0G887100 (#)	3/4"	-12	19	19,1 mm	28,8 mm	345 / 5000	210 mm	420
H0G897100 (#)	1"	-16	25	25,4 mm	37,2 mm	345 / 5000	230 mm	587

Technical Characteristics

Inner tube in thermoplastic polymer, braided reinforcement in high-elasticity fibers and outer polyurethane cover with high abrasion resistance, UV stabilized.

Applications

H0G8 series hoses were developed for conveying high-pressure polyols, solvents, paints, air, methanol and all compatible gases.

Operating Temperature Range

From -40°C to +55°C (From -104°F to +131°F).

Working Pressure

Safety factor 1:4 / (**) Safety factor 1:3

Size Variation

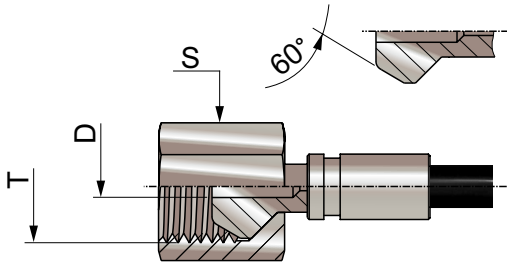
-0% a +3%

Hose Specifications

- Designed and manufactured in accordance with API 17E / ISO 13628-5 requirements
- (Δ) in compliance with or exceeding SAE J1517 sec. 100R8 – ISO3949 – DNV-GL – MSHA
- (#) with pressures exceeding SAE J517 100R8 standard

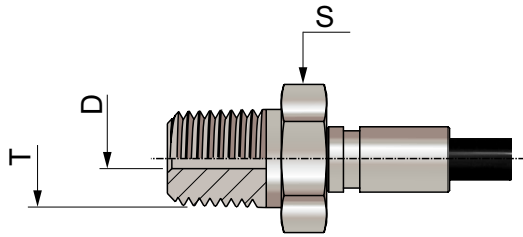
Technical Description	End of Fitting Type	Thread T	Size	S	D	Multispiral
Swivel female BSP 60° Cone (ISO / DIS 8434-6)	DIS	G1/4 BSP	3/16"	19	3	
		G1/4 BSP	1/4"	19	4	
		G1/4 BSP	1/4"	19	4	•
		G3/8 BSP	3/8"	22	7	
		G3/8 BSP	3/8"	22	7	•
		G1/2 BSP	1/2"	27	9,5	•
		G3/4 BSP	3/4"	32	15	•
		G1 BSP	1"	38	20	•

AISI 316 Stainless Steel Material



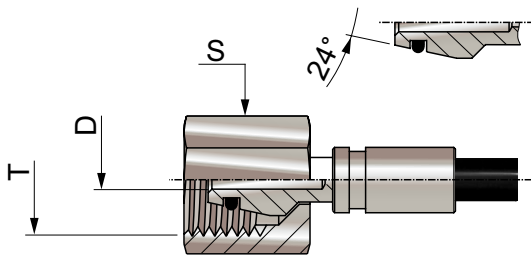
Technical Description	End of Fitting Type	Thread T	Size	S	D	Multispiral
Fixed male NPT / BSPT ANSI / ASM E B 1.20.1 - NBR 12912	B	1/8 NPT	3/16"	12	3	
		1/4 NPT	1/4"	15	4	
		3/8 NPT	1/4"	19	4	•
		1/2 NPT	3/8"	22	7	
		3/8 NPT	3/8"	19	7	•
		1/2 NPT	1/2"	22	9,5	•
		3/4 NPT	3/4"	30	15	•
		1 NPT	1"	36	20	•

AISI 316 Stainless Steel Material



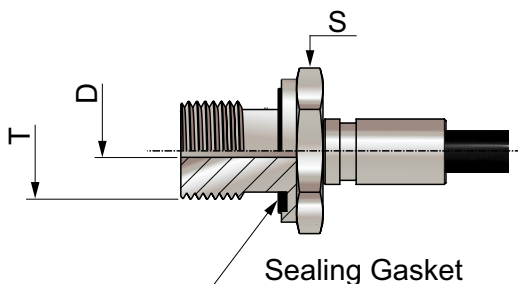
Technical Description	End of Fitting Type	Thread T	Size	S	D	Multispiral
Swivel female / DKO 24° DIN 2353	F	M16x1,5	3/16"	19	3	
		M16x1,5	1/4"	19	4	
		M16x1,5	1/4"	19	4	•
		M20x1,5	3/8"	24	7	
		M24x1,5	3/8"	30	7	•
		M24x1,5	1/2"	30	9,5	•
		M36x2	3/4"	41	15	•
		M42x2	1"	50	20	•

AISI 316 Stainless Steel Material

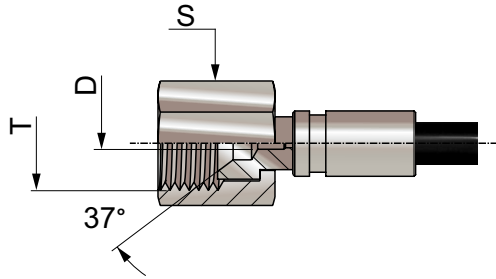


Technical Description	End of Fitting Type	Thread T	Size	S	D	Multispiral
Fixed metric male / BSP ISO 1179-2 / Rosca BSP	K	1/4 BSP	3/16"	19	3	
		1/4 BSP	1/4"	19	4	
		1/4 BSP	1/4"	19	4	•
		3/8 BSP	3/8"	22	7	
		3/8 BSP	3/8"	22	7	•
		1/2 BSP	1/2"	27	9,5	•
		3/4 BSP	3/4"	32	15	•
		1 BSP	1"	38	20	•

AISI 316 Stainless Steel Material

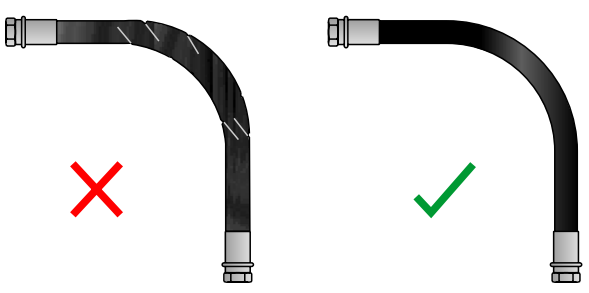
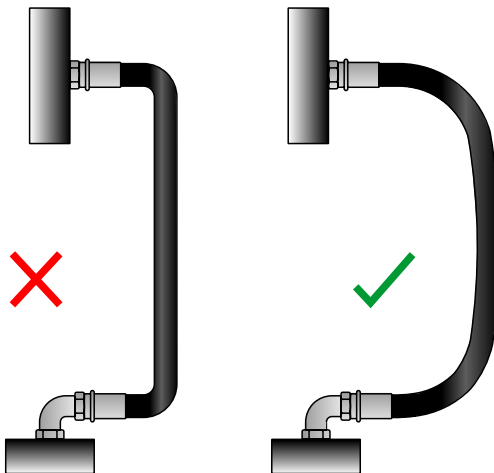
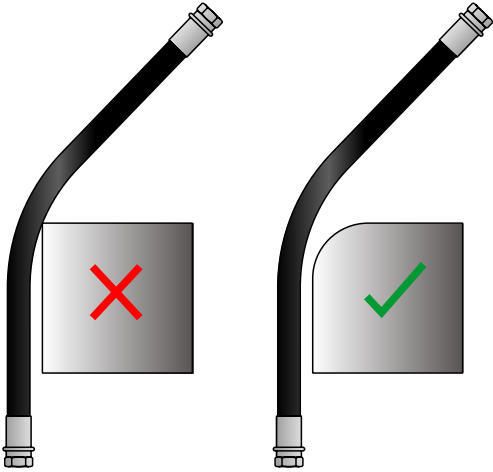
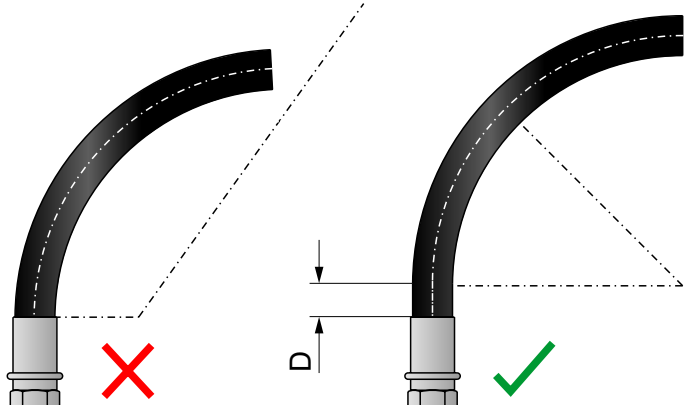
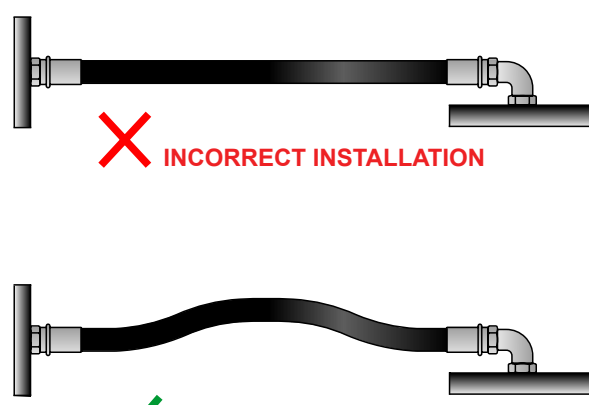
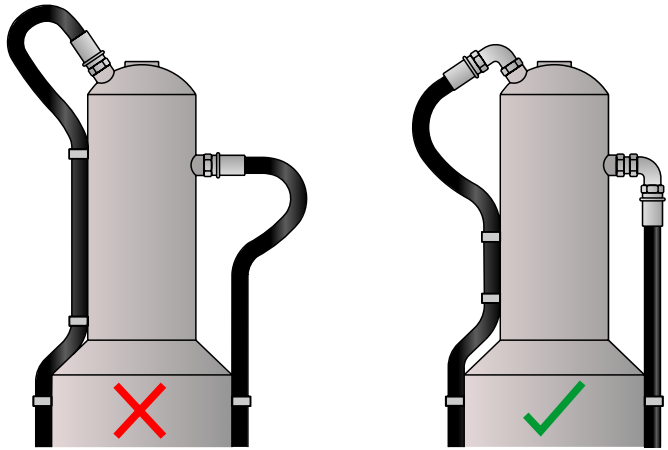


Technical Description	End of Fitting Type	Thread T	Size	S	D	Multispiral
Swivel female UNF - JIC SAE J514	C	7/16-20 UNF	3/16"	15	3	
		7/16-20 UNF	1/4"	15	4	
		7/16-20 UNF	1/4"	14	4	•
		3/4-16 UNF	3/8"	24	7	
		9/16-18 UNF	3/8"	19	7	•
		3/4-16 UNF	1/2"	24	9,5	•
		1 1/16-12 UNF	3/4"	32	15	•
		1 5/16-12 UNF	1"	41	20	•

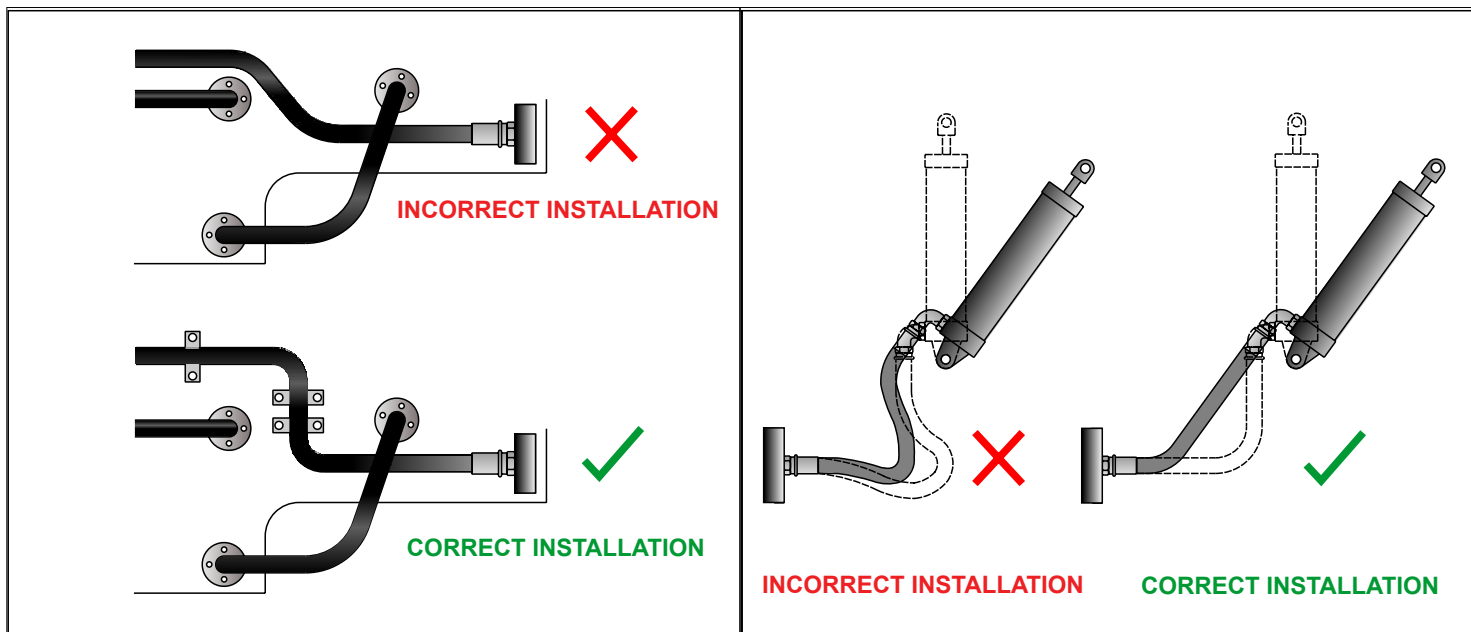


AISI 316 Stainless Steel Material

INSTALLATION INSTRUCTIONS (SAE J1273 - ISO 8331)


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INSTALLATION INSTRUCTIONS (SAE J1273 - ISO 8331)






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