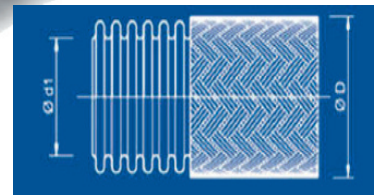


STEEL HOSE

PARNOR - Annularly corrugated stainless steel hose

PARNOR® is a hydraulically formed, very flexible, corrugated metal hose. Provides high security and extended life time even under extreme working conditions (frequent movements, vibrations, pressure or vacuum). Excellent vibration absorber and chemically resistant against a wide range of highly corrosive products. The manufacturing technology ensures a "zero-leak" product (in accordance with EN ISO 9001:2008). Design and type approval in accordance with ISO-10380 standard.



APPLICATIONS:

Transfer of chemicals, oil products, steam, gases etc., both under pressure and vacuum:

- vacuum technology
- cryogenics (EN 12434)
- petrochemical industry
- nuclear industry
- instrumentation
- air conditioning

DESIGN:

Materials: Stainless steel 1.4404 (similar to AISI 316 L) or
Stainless steel 1.4541* (similar to AISI 321)

*except for DN6, 8, 10, 125.

Also available in 316-HMO.

Braid: Stainless steel 1.4301 (similar to AISI 304)

Available unbraided (0), with one (1) or two braids (2).

Temperature Range: Excellent for use in extreme environments (-273°C to 600°C).

Type approval: DNV

Part no	DN	Braid Type	ID (mm)	OD (mm)	Tolerance outside (mm)	Bend radius (mm)		Max Pressure 20 C (bar)	Burst Pressure 20 C (bar)
						Stat. Rs	dyn. Rd		
PARNOR-0-006	6	0	6,2	9,8	± 0,3	10	-	18	>72
PARNOR-1-006		1		11,4		23	110	140	560
PARNOR-2-006		2		13,0		25	140	145	580
PARNOR-0-008	8)	0	8,5	13,6	± 0,3	14	-	14	>56
PARNOR-1-008		1		15,2		28	130	115	460
PARNOR-2-008		2		16,8		32	130	121	484
PARNOR-0-010	10)	0	10,4	16,2	± 0,3	16	-	10	>40
PARNOR-1-010		1		17,8		32	150	100	400
PARNOR-2-010		2		19,4		38	150	105	420
PARNOR-0-012	12)	0	12,4	18,6	± 0,4	24	-	12	>48
PARNOR-1-012		1		20,2		39	165	80	320
PARNOR-2-012		2		21,8		45	165	97	388

Part no	DN	Braid Type (-)	ID (mm)	OD (mm)	Tolerance outside (mm)	Bend radius (mm)		Max Pressure 20 C (bar)	Burst Pressure 20 C (bar)
						Stat. Rs	dyn. Rd		
PARNOR-0-015	151)	0	15,4	22,5	± 0,4	29	-	7,5	>30
PARNOR-1-015		1		24,1		50	195	63	252
PARNOR-2-015		2		25,7		58	195	77	307
PARNOR-0-020	201)	0	20,3	28,3	± 0,4	35	-	4,3	>18
PARNOR-1-020		1		29,9		60	225	50	200
PARNOR-2-020		2		31,5		70	225	68	272
PARNOR-0-025	251)	0	25,4	34,8	± 0,4	42	-	3	>12
PARNOR-1-025		1		36,4		73	260	40	160
PARNOR-2-025		2		38,0		85	260	55	220
PARNOR-0-032	321)	0	32,3	43,3	± 0,5	51	-	3,3	>14
PARNOR-1-032		1		45,4		90	300	40	160
PARNOR-2-032		2		47,4		105	300	55	220
PARNOR-0-040	401)	0	40,2	52,4	± 0,5	61	-	2,2	>9
PARNOR-1-040		1		54,4		115	340	32	128
PARNOR-2-040		2		56,4		130	340	44	176
PARNOR-0-050	501)	0	50,5	64,8	± 0,6	73	-	2,1	>9
PARNOR-1-050		1		67,3		140	390	32	128
PARNOR-2-050		2		69,8		160	390	45	180
PARNOR-0-065	65	0	64,9	80,9	± 0,7	89	-	1,3	>6
PARNOR-1-065		1		83,4		175	460	25	100
PARNOR-2-065		2		85,9		200	460	38	152
PARNOR-0-080	801)	0	79,6	99,6	± 0,8	108	-	1,4	>6
PARNOR-1-080		1		102,6		240	660	23	92
PARNOR-2-080		2		105,6		240	660	38	152
PARNOR-0-100	1001)	0	101,5	126,5	± 0,8	126	-	0,5	>2
PARNOR-1-100		1		129,5		290	750	15	60
PARNOR-2-100		2		132,5		290	750	25	100
PARNOR-0-125	125	0	126	152,0	± 1,0	147	-	0,4	>2
PARNOR-1-125		1		155,0		340	1000	13	52
PARNOR-2-125		2							
PARNOR-0-150	150	0	149	174,0	± 1,0	169	-	0,3	>25
PARNOR-1-150		1		177,0		390	1250	11	44

■ HMO-quality part no + HMO (PARNOR-HMO-1-050)

■ 1) very good life time resistance: 50.000 cycles – 5 times superior to the EN ISO 10380 standard.

BERGEN
SJØKRIGSSKOLEVEIEN 15
5165 LAKSEVÅG
NORWAY

STAVANGER
MOSEIDVEIEN 17
4033 STAVANGER
NORWAY