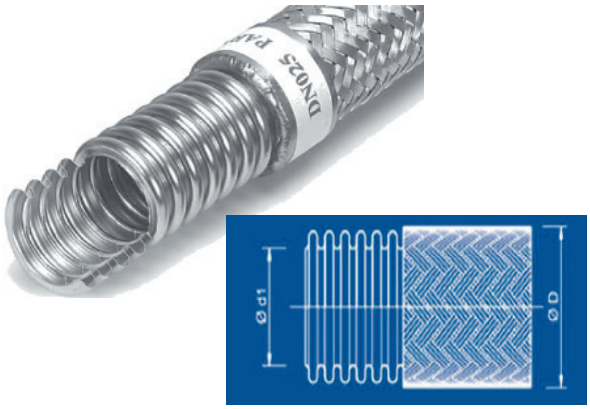
STEEL HOSE

PARRAP - Annularly corrugated stainless steel hose

PARRAP® is a high performance flexible stainless steel corrugated hose for use in the most extreme environments (-273°C to 600°C), which is impervious to natural ageing. The hydroforming technology used to manufacture PARRAP® close pitch hose ensures high flexibility, excellent geometry and accuracy. Design and type test in accordance with EN ISO 10380.



APPLICATIONS:

All fluid transfer applications for liquids or gases.

- 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.

Braid: Stainless steel 1.4301 (similar to AISI 304)
Available undbraided (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	OD	Tolerance outside	Bend radius (mm)		Max Pressure 20 C	Burst Pressure 20 C
		(-)	(mm)	(mm)	(mm)	Stat. Rs	dyn. Rd	(bar)	(bar)
PARRAP-0-006	6	0	6,0	9,8	± 0,3	9	-	18	>72
PARRAP-1-006		1		11,4		23	110	150	600
PARRAP-2-006		2		13,0		25	140	175	700
PARRAP-0-008	8[1]	0	8,3	13,6	± 0,3	12	-	9	>36
PARRAP-1-008		1		15,2		20	130	115	460
PARRAP-2-008		2		16,8		32	130	158	632
PARRAP-0-010	10[1]	0	10,1	16,2	± 0,3	14	-	6	>24
PARRAP-1-010		1		17,8		20	150	115	460
PARRAP-2-010		2		19,4		38	150	135	540
PARRAP-0-012	12[1]	0	12,0	18,6	± 0,4	21	-	6	>24
PARRAP-1-012		1		20,2		25	124 2)	80	320
PARRAP-2-012		2		21,8		45	124 2)	125	500

moreld flux

Part no	DN	Braid Type	ID	OD	Tolerance outside	Bend radius (mm)		Max Pressure 20 C	Burst Pressure 20 C
		(-)	(mm)	(mm)	(mm)	Stat. Rs	dyn. Rd	(bar)	(bar)
PARRAP-0-015	15 1)	0	15,0	22,5	± 0,4	26	-	3	>12
PARRAP-1-015		1		24,1		32	146 2)	63	252
PARRAP-2-015		2		25,7		58	146 2)	97	388
PARRAP-0-020	20 1)	0	19,9	28,3	± 0,4	32	-	2,2	>9
PARRAP-1-020		1		29,9		38	169 2)	55	220
PARRAP-2-020		2		31,5		70	169 2)	77	308
PARRAP-0-025	25 1)	0	24,9	34,8	± 0,4	37	-	1,8	>8
PARRAP-1-025		1		36,4		45	195 2)	40	160
PARRAP-2-025		2		38,0		85	195 2)	62	248
PARRAP-0-032	32 1)	0	31,8	43,3	± 0,5	46	-	1,6	>7
PARRAP-1-032		1		45,4		58	225 2)	40	160
PARRAP-2-032		2		47,4		105	225 2)	58	232
PARRAP-0-040	40 1)	0	39,6	52,4	± 0,5	55	-	1,2	>5
PARRAP-1-040		1		54,4		70	255 2)	32	128
PARRAP-2-040		2		56,4		113	255 2)	44	176
PARRAP-0-050	50 1)	0	49,4	64,8	± 0,6	65	-	1,0	>4
PARRAP-1-050		1		67,3		85	293 2)	32	128
PARRAP-2-050		2		69,8		136	293 2)	47	188
PARRAP-0-065	65	0	64,0	80,9	± 0,7	80	-	0,5	>2
PARRAP-1-065		1		83,4		105	345 2)	25	100
PARRAP-2-065		2		85,9		271	345 2)	41	164
PARRAP-0-080	80 1)	0	78,7	99,6	± 0,8	97	-	0,7	>3
PARRAP-1-080		1		102,6		180	495 2)	23	92
PARRAP-2-080		2		105,6		224	495 2)	40	160
PARRAP-0-100	100 1)	0	101,0	126,5	± 0,8	113	-	0,4	>2
PARRAP-1-100		1		129,5		218	563 2)	15	60
PARRAP-2-100		2		132,5		276	563 2)	27	108
PARRAP-0-125	125	0	125,2	152,0	± 1,0	132	-	0,25	>1
PARRAP-1-125		1		155,0		255	1000	13	52
PARRAP-2-125		2							
PARRAP-0-150	150	0	148,2	174,0	± 1,0	152	-	0,2	>1
PARRAP-1-150		1		177,0		290	1250	11	44

- 1) very good life time resistance: 50.000 cycles – 5 times superior to the EN ISO 10380 standard.
- 2) Reduced bending radius (EN ISO 10 380 Standard Improved by 25%)

BERGEN
SJØKRIGSSKOLEVEIEN 15
5165 LAKSEVÅG
NORWAY

STAVANGER
MOSEIDVEIEN 17
4033 STAVANGER
NORWAY

+47 55 94 22 50 | POST@MORELDFLUX.NO | WWW.MORELDFLUX.NO