



**PATHEL**  
INDUSTRIE

## TECHNICAL DATA SHEET

# STAINLESS STEEL SINGLE BRAIDED CORRUGATED HOSE

DN		Bend Radius Static	Bend Radius Dynamic	Maximum working pressure	Burst pressure
Inch	mm				
1/4	6	25	100	154	616
3/8	10	40	150	105	420
1/2	12	50	200	88	352
5/8	16	50	200	73	292
3/4	20	70	200	64	256
1	25	90	200	50	200
1"1/4	32	110	250	42	168
1"1/2	40	130	250	32	128
2	50	175	350	31	124
2"1/2	65	200	410	26	104
3	80	205	450	18	72
4	100	230	560	16	64
5	125	280	660	16	64
6	150	320	815	12	48
8	200	435	1015	10	40
10	250	560	1220	6	26

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(NEXT)

### TEMPERATURE CORRECTION COEFFICIENT

Temperature range		321	316L & 304L
> -200	≤ -20	1	1
> -20	≤ 50	1	1
> 50	≤ 100	0,96	0,94
> 100	≤ 150	0,92	0,90
> 150	≤ 200	0,88	0,86
> 200	≤ 250	0,84	0,82
> 250	≤ 300	0,80	0,78
> 300	≤ 350	0,76	0,74
> 350	≤ 400	0,72	0,70
> 400	≤ 450	0,66	0,66
> 450	≤ 500	0,60	0,60
> 500	≤ 550	0,54	-
> 550	≤ 600	0,44	-
> 600	≤ 650	0,36	-

**Couplings & Accessories - Stainless steel hoses - Technical hoses**

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