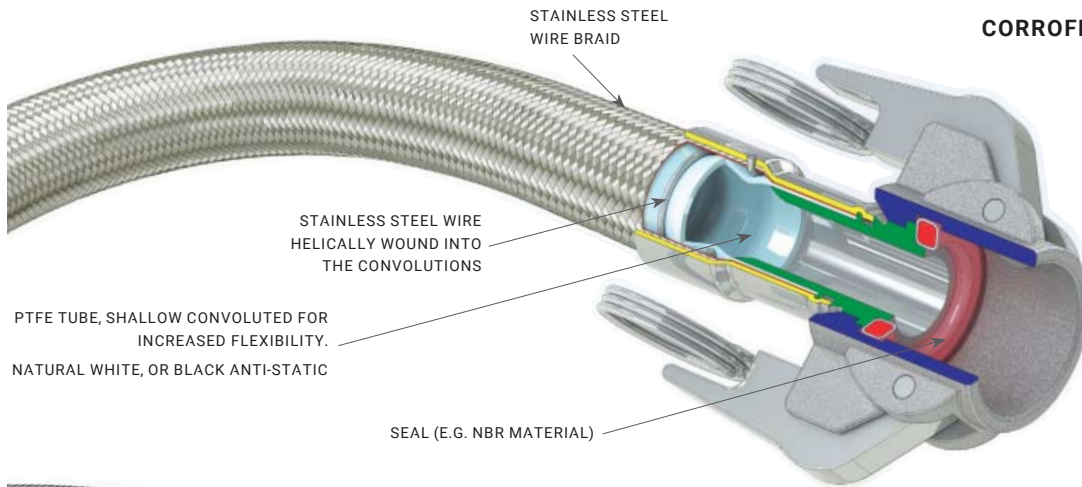


# CORROFLON®

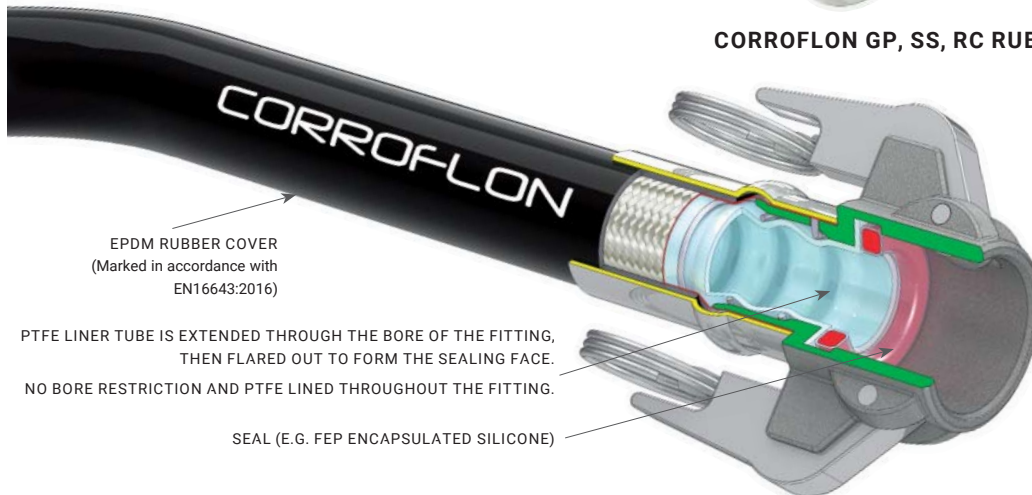
PTFE hose for chemical and process fluid transfer

Very tough - fully kink resistant - the shallow convoluted PTFE liner tube delivers exceptional flexibility



**CORROFLON GP SS PTFE HOSE ASSEMBLY**

**NON-LINED  
SWIVELLING  
CAM & GROOVE  
END FITTING**



**CORROFLON GP, SS, RC RUBBER COVERED PTFE HOSE ASSEMBLY**

**PTFE LINED & FLARED  
CAM & GROOVE  
END FITTING**

## CORROFLON HOSE SPECIFICATIONS

### HOSE BORE SIZE RANGE -

1/2" (15MM) BORE UP TO 6" (150MM) BORE

### HOSE LENGTHS -

UP TO 2", 100 FEET (30 METRES). 2 1/2" AND 3", 65 FEET (20 METRES).  
4", 32 FEET (10 METRES). 6", 16 FEET (5 METRES)

### TEMPERATURE LIMITS -

FOR STAINLESS STEEL (SS) BRAIDED HOSE -100°F (-73°C) TO 500°F (+260°C). FOR OTHER BRAIDS AND RUBBER COVERED GRADES DIFFERENT TEMPERATURE LIMITS APPLY, SEE FULL BROCHURE

### WORKING PRESSURE RATINGS -

FOR SS BRAIDED 595 PSI (41 BAR) FOR 1/2", TO 290 PSI (20 BAR) FOR 2" DEPENDANT UPON TEMPERATURE

### VACUUM LIMITATIONS -

USABLE AT VACUUM TO -0.9BAR FOR ALL SIZES UP TO 2", AND IN SPECIAL PURPOSE (SP) GRADE FOR SIZES ABOVE 2"

**END FITTING OPTIONS - Non-lined, or PTFE lined & flared design for:**  
ANSI 150, DIN AND JIS SWIVEL FLANGES, CAM & GROOVE, SANITARY TRICLAMP, DIN11851 AND SMS HYGIENIC FITTINGS

**END FITTING OPTIONS - Non-lined design for:**  
BSP, NPT AND JIC THREADED FITTINGS, AND RJT FITTINGS AND MORE

### BRAID DESIGN OPTIONS -

STAINLESS STEEL WIRE OR POLYPROPYLENE YARN BRAIDS ARE STANDARD, WITH HASTELLOY (HB) OR PVDF BRAIDS AVAILABLE TO SPECIAL ORDER

### EXTERNAL COVER OPTIONS -

BLACK EPDM RUBBER COVER (RC), OR CLEAR SILICONE RUBBER COVER (SI)

### APPROVALS -

ISO 9001:2015, OHSAS 18001:2007, ISO 14001:2015, EN16643:2016, FDA (MATERIALS), ATEX, 3.1 TRACEABILITY, (EU) 10/2011

Nominal Hose Bore Size		Bore Inside Convolutions		Corroflon Grade (Braid & Cover)	Maximum Working Pressure of Hose		Burst Pressure		Minimum Bend Radius	
in	mm	in	mm		Bar	psi	Bar	psi	in	mm
1/2	15	0.440	11.2	TO	6	87	24	350	1 1/2	38
				SS	41	595	450	6525	1 1/2	38
				PB	31	450	150	2175	1 1/2	38
				SS, RC/FP	41	595	450	6525	2 1/4	57
				RC, SI	41	595	450	6525	2 1/4	57
3/4	20	0.620	15.7	KYB	15	215	61.5	890	1 1/2	38
				TO	5	70	20	290	2	51
				SS	35	505	240	3480	2	51
				PB	26	375	105	1520	2	51
				SS, RC/FP	35	505	240	3480	3	76
1	25	0.847	21.5	RC, SI	35	505	240	3480	3	76
				KYB	13	190	52.5	760	3	76
				TO	4.5	65	18	260	2 3/4	70
				SS	31	450	200	2900	2 3/4	70
				PB	23	334	93	1350	2 3/4	70
1 1/4	32	1.080	27.5	SS, RC/FP	31	450	200	2900	4 1/4	105
				RC, SI	31	450	200	2900	4 1/4	105
				KYB	11	160	46.5	675	2 3/4	70
				TO	4	58	16	230	3 1/4	82
				SS	27	390	180	2610	3 1/4	82
1 1/2	40	1.250	32.0	PB	20	290	81	1175	3 1/4	82
				SS, RC/FP	27	390	180	2610	4 3/4	123
				RC, SI	27	390	180	2610	4 3/4	123
				KYB	10	145	40.5	585	3 1/4	82
				TO	3.5	50	14	205	4	100
2	50	1.690	43.0	SS	23	335	120	1740	4	100
				PB	17	245	69	1000	4	100
				SS, RC/FP	23	335	120	1740	6	150
				RC, SI	23	335	120	1740	6	150
				KYB	9	130	34.5	500	4	100
2 1/2	65	2.120	54.0	TO	3	44	12	175	5 1/2	140
				SS	20	290	100	1450	5 1/2	140
				PB	15	215	60	870	5 1/2	140
				SS, RC/FP	20	290	100	1450	8 1/4	210
				RC, SI	20	290	100	1450	8 1/4	210
3	80	2.500	64.0	KYB	8	115	30	435	5 1/2	140
				TO	2.5	36	10	145	7	178
				SS	16	230	70	1015	7	178
				PB	12	175	48	695	7	178
				SS, RC/FP	16	230	70	1015	10 1/2	267
4	100	3.860	98.0	RC, SI	16	230	70	1015	10 1/2	267
				KYB	6	87	24	350	7	178
				TO	2	29	8	115	9	230
				SS	14	205	60	870	9	230
				PB	10	145	42	610	9	230
6	150	5.250	130.0	SS, RC/FP	14	205	60	870	13 1/2	345
				RC, SI	14	205	60	870	13 1/2	345
				KYB	5	73	21	305	9	230
				TO	1.5	22	6	87	11 3/4	300
				SS	10	145	40	580	11 3/4	300
6	150	5.250	130.0	PB	8	115	30	435	11 3/4	300
				SS, RC/FP	10	145	40	580	17 3/4	450
				RC, SI	10	145	40	580	17 3/4	450
				KYB	-	-	-	-	-	-
				TO	0.75	11	3	44	23 3/4	600
6	150	5.250	130.0	SS	5	73	20	290	23 3/4	600
				PB	-	-	-	-	-	-
				SS, RC/FP	5	73	20	290	35 1/2	900
				RC, SI	5	73	20	290	35 1/2	900
				KYB	-	-	-	-	-	-

TO = Tube only, SS = Stainless steel braid, PB = Polypropylene braid, SS,RC/FP = Fireproof rubber cover, RC = EPDM rubber cover, SI = Silicone rubber cover, KYB = Kynar braid

### CFLN - USA/10.05.18 Rev 1



A member of Watson-Marlow Fluid Technology Group.  
A Spirax-Sarco Engineering plc company

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