



Medium and  
high pressure  
thermoplastic  
hoses

Smooth bore  
PTFE hoses

PTFE convoluted  
hoses

Brass, steel and  
SS fittings

FLEXIBILITY



**Xtraflex**  
Manufacturers of Flexible P.T.F.E. Pressure Hose & Wire Braid

FLEXIBILITY GUARANTEED



**Xtraflex a team of Xperts in the international hose business specialised in production, assembly and distribution.**

- Smooth bore PTFE hoses
- PTFE convoluted hoses
- Thermoplastic high-pressure hoses
- Brass, steel and SS fittings

With this Xtensive combination we are able to deliver customised products to a wide variety of markets. Boxed hose lengths and fittings can be shipped overnight when required to provide a "second to none" express service.

Our Iso certification and a market orientated stock ensure that our team will remain an important player on the world market.

With a wealth of Xperience we are also an ideal partner in engineering and developing specialised quick-connect and multi-test units.

Our up to date machinery combined with years of knowledge ensures that Xtraflex can meet the challenging and often demanding requirements of the modern market place.

Xtraflex supplies every style of industrial, hydraulic and stainless steel braided PTFE hose and fittings to the commercial business sector.

With our machinery we are able to provide a custom made product for every sector. Tafted (lined) assemblies are usually used where aggressive product are conveyed to prevent contact to all wetted parts.

## We offer you:

- Shortest deliveries in Europe.
- Large in-stock inventories of smooth bore and convoluted PTFE hoses.

With these services and our state of the art testing laboratory we are more than able to support our manufacturing and customer needs.

With years of xperience in the industry, our success is based on attention to our customer's needs, on-time delivery, custom engineered products, service and commitment.

Our own developed tafting(lining) process is based on years of experience to provide consistent quality. Our team is available to answer all questions and handle every inquiry in Dutch, English, German, French and Spanish.



## Type T1B

Type T1B Smooth, big bore Teflon® hose, with stainless steel braid - standard wall

**Construction:** T1B is manufactured from virgin PTFE (polytetrafluoroethylene) resin with AISI 304 stainless steel, high tensile braid.

**Fittings:** Fittings with Hydraulic Tail. Industrial couplings

SIZE	I.D		W.T min.	O.D		R mm	WP	BP	REF virgin	REF anti-static
	min.	max.		min.	max.		Bar 20°C			
4,9	4,65	5,16	0,89	7,32	8,43	51	276	828	T1B004	T1AB004
5,1	4,85	5,36	0,89	7,49	8,61	64	264	793	T1B005	T1AB005
6,7	6,45	6,96	0,76	8,83	9,86	76	224	672	T1B006	T1AB006
8,4	8,15	8,66	0,64	10,54	11,56	102	207	621	T1B008	T1AB008
10,3	9,93	10,64	0,89	12,78	14,1	133	183	552	T1B010	T1AB010
13,4	13,06	13,36	0,89	15,88	17,22	152	161	483	T1B012	T1AB012
16,6	16,1	17,12	0,89	18,95	20,57	178	114	345	T1B016	T1AB016
19,8	19,3	20,32	0,89	22,15	23,77	203	103	310	T1B020	T1AB020
22,1	21,59	22,61	0,89	24,46	26,09	229	92	276	T1B022	T1AB022
26,1	25,6	26,62	0,89	28,45	30,07	305	80	241	T1B025	T1AB025



Type T1B



Type TCB1E

SIZE	I.D		W.T min.	O.D		R mm	WP	BP	REF virgin	REF anti-static
	min.	max.		min.	max.		Bar 20°C			
1 / 4"	5,95	6,45	0,76	9,14	9,65	18	172	517	TCB1E006	TCB1AE006
5 / 16"	7,75	8,26	0,76	12,19	12,70	25	155	465	TCB1E008	TCB1AE008
3 / 8"	8,99	10,00	0,76	12,95	13,97	22	138	414	TCB1E010	TCB1AE010
1 / 2"	12,45	13,08	0,89	18,16	19,18	25	103	310	TCB1E012	TCB1AE012
5 / 8"	15,37	16,38	0,89	21,59	22,61	51	83	248	TCB1E016	TCB1AE016
3 / 4"	18,54	19,56	0,89	24,00	25,27	64	69	207	TCB1E020	TCB1AE020
7 / 8"	21,84	22,86	0,89	27,94	29,46	76	57	172	TCB1E022	TCB1AE022
1"	24,89	26,16	1,02	32,13	33,65	89	46	138	TCB1E025	TCB1AE025
1 1 / 4"	31,95	32,46	1,02	40,21	41,22	125	34	103	TCB1E032	TCB1AE032
1 1 / 2"	39,12	39,62	1,02	49,02	49,53	150	30	90	TCB1E040	TCB1AE040
2"	49,91	50,93	1,09	59,18	60,20	200	23	69	TCB1E050	TCB1AE050

## Type TCB1E - TCB1AE

Type TCB1E EASYCRIMP® Convoluted Teflon® hose with stainless steel braid

**Construction:** Low profile helically convoluted PTFE (polytetrafluoroethylene) liner with a AISI 304 high tensile, stainless steel braid.

**Fittings:** Hose fittings with hydraulic tail.

Hose assembling without de-convoluting the inner liner.  
Specially designed for hydraulic tail fittings





Now also available at Xtraflex a wide range of thermoplastic hoses according to SAE J517. Either in bulk quantities or customer specific lengths. With the complete variety of fittings and ferrules Xtraflex enables you to have the complete package.

We can also offer you:

- Personal branding to give the hose that Xtra personal touch
- Special cut pieces
- Customer specific assemblies
- Pinpricked versions for gas applications

SIZE	I.D			R			WP / BP		
HR7	HR7	HR8	PSB	HR7	HR8	PSB	HR7	HR8	PSB
3,45	8,1	7,10	NA	65	40	NA	225 / 900	350 / 1400	NA
4,7	8,85	NA	NA	70	NA	NA	215 / 860	350 / 1400	NA
5,1	10,75	9,55	5,05	90	90	40	210 / 840	350 / 1400	350 / 1400
6,70	12,75	11,55	6,90	100	100	45	193 / 770	350 / 1400	293 / 1172
8,30	15,75	13,45	8,45	115	114	55	190 / 760	315 / 1260	259 / 1034
9,80	16,75	15,35	10,30	125	125	65	165 / 660	280 / 1120	224 / 879
13,25	20,55	19,25	12,85	180	180	90	140 / 560	245 / 980	190 / 759
16,55	24,8	NA	NA	205	NA	NA	105 / 420	NA	NA
19,70	27,8	NA	NA	240	NA	NA	88 / 350	NA	NA



Type HR7



Type HR8



Type PAINTSPRAY



Type HR7TWIN

## Type HR7

HR7 Smooth bore Polyester Elastomere medium pressure hose according to SAEJ517 100R7

**Construction:** HR7 is manufactured from a Polyester Elastomere inner core reinforced with a high tensile synthetic fibre braid with an oil, weather and abrasion resistance polyurethane cover.

**Applications:** Mineral and vegetable oils and most ester-based hydraulic fluid transport. Also resistant to oils at high temperatures, hydrocarbon based fuels and solvents.

**Fittings:** Fittings with Hydraulic tail and FHR7 ferrules

## Type HR8

HR8 Smooth bore Polyester Elastomere high pressure hose according to SAEJ517 100R8

**Construction:** HR8 is manufactured from a Polyester Elastomere inner core reinforced with a high tensile aramide fibre braid with an oil, weather and abrasion resistance polyurethane cover.

**Applications:** Mineral, vegetable and most ester-based hydraulic fluid transport and resistant to oils at higher temperatures, hydrocarbon based fuels and solvents.

Temp. : - 40°C to 100°C

**Fittings:** Fittings with Hydraulic tail and FHR ferrules Pinpricked versions for Gas applications recommendable.

## Type PAINTSPRAY

PAINTSPRAY Smooth bore Polyamide high pressure Wire braided hose.

**Construction:** Type PAINT-SPRAY Smooth bore Polyamide high pressure hose with high tenacity Polyester reinforcement with Polyether based Polyurethane cover.

**Fittings:** Fittings with Hydraulic Tail.

## Type HR7TWIN

HR7TWIN Smooth twin bore Polyester Elastomere medium pressure hose according to SAEJ517 100R7

**Construction:** HR7TWIN is manufactured from a Polyester Elastomere twin inner core reinforced with a high tensile synthetic fibre braid with an oil, weather and abrasion resistance polyurethane cover.

**Applications:** Mineral and vegetable oils and most ester-based hydraulic fluid transport. Also resistant to oils at high temperatures, hydrocarbon based fuels and solvents.

**Fittings:** Fittings with Hydraulic tail and FHR7 ferrules





Type TCMB1 - TCAMB1

SIZE	I.D		W.T mm	O.D		R mm	WP	BP	Vacuum mBar 20°C	Lmax m	REF virgin	REF anti-static
	min.	max.		min.	max.		Bar 20°C					
1/4"	5,5	6,9	0,52	9,9	11,5	25	35	170	744	20	TCMB1006	TCAMB1006
3/8"	8,5	10,5	0,62	13,2	14,7	25	35	170	744	20	TCMB1010	TCAMB1010
1/2"	11,6	13,6	0,82	12,9	14,4	25	50	250	887	20	TCMB1012	TCAMB1012
5/8"	15,1	16,4	0,88	16,2	17,5	35	35	170	887	20	TCMB1016	TCAMB1016
3/4"	19,5	20,5	1,00	28,6	31,4	55	60	290	887	20	TCMB1020	TCAMB1020
1"	24,5	25,5	1,10	34,2	38,2	85	40	210	887	20	TCMB1025	TCAMB1025
1 1/4"	31,5	32,5	1,15	41,9	46,1	100	45	210	887	20	TCMB1032	TCAMB1032
1 1/2"	36,5	37,5	1,45	47,2	49,9	120	40	175	887	20	TCMB1040	TCAMB1040
1 3/4"	44,5	45,5	1,45	55,8	61,4	135	25	135	887	20	TCMB1045	TCAMB1045
2"	49,5	50,5	1,50	60,5	66,7	165	25	135	887	20	TCMB1050	TCAMB1050
2 1/2"	62,5	63,5	1,60	80,9	89,1	230	14	60	887	20	TCMB1065	TCAMB1065
3"	73,5	74,5	1,60	90,4	99,6	260	12	65	887	20	TCMB1080	TCAMB1080
4"	94,5	99,5	1,82	121,1	127,5	300	10	40	887	20	TCMB1100	TCAMB1100
6"	150	154	2,5	179,0	189	520	6	24	554	12	TCMB1150	TCAMB1150

## Type TCMB1 - TCAMB1

Type TCMB1 Convoluted Teflon® hose with stainless steel braid - medium wall

**Construction:** A helically convoluted PTFE (polytetrafluorethylene) inner tube, medium wall, with an outer cover of AISI304 high tensile stainless steel braid.

**Fittings:** Hose fittings with PTFE tail

Hose fittings with Hydraulic tail

Industrial fittings

Industrial fittings with PTFE lining

**Typical applications:** TCMB1 should be specified when pressures or vacuum are applied. Recommended on all tafted flange assemblies.

SIZE	I.D min.	W.T min.	O.D min.	R mm	WP Bar 20°C	BP	REF virgin	REF anti-static
1/2"	12,30	1	16,20	38	50	250	TWFSB1012	TAWFSB1012
5/8"	16,10	1	20,00	42	50	250	TWFSB1016	TAWFSB1016
3/4"	19,10	1	23,00	50	60	290	TWFSB1020	TAWFSB1020
1"	23,30	1	27,20	70	40	210	TWFSB1025	TAWFSB1025
1 1/4"	30,30	1,5	35,20	85	45	210	TWFSB1032	TAWFSB1032
1 1/2"	35,10	1,65	40,80	100	40	175	TWFSB1040	TAWFSB1040
2"	45,30	1,65	51,30	140	25	135	TWFSB1050	TAWFSB1050

## Type TWFB1 - TAWFB1

Type TWFB1 SMOOTHFLEX highly flexible, non-convoluted Teflon® hose with stainless steel helix and high tensile stainless steel braid.

**Construction:** Ultra hygienic non-convoluted PTFE (polytetrafluorethylene) liner with stainless steel helix and a AISI 304 high tensile, stainless steel braid. The hose has exceptionally good vacuum- and kink resistance properties for extreme performance.

SMOOTHFLEX should be specified for applications where Ultra hygienic non-convoluted hose and high flexibility are imperative, e.g. Food, Bio, Pharmaceutical and Cosmetic industry.

Only available in complete hose assembly form.







## Also available from Xtraflex



- Medium and High pressure Thermoplastic hose
- Medium pressure silicone hoses
- Low, Medium and High pressure smooth bore PTFE / Teflon® hoses
- PTFE / Teflon® convoluted hoses virgin or anti-static up to 6"



### Braid materials:

- SS 304
- SS 316L
- Polypropylene
- PVDF (Kynar®)
- Hastelloy
- Monel
- Kevlar®
- Terylene



### Special covers

- EPDM
- Silicone
- Glasfibre-silicone
- Polyolefin / PTFE or PFA heatshrink



### Ferrules and Fittings

- Galvanized Steel
- SS 304
- SS 316
- SS 316 TI
- Other material on request

- PTFE lined cam lock flange adapters
- PTFE lined metal hoses single or double jacket
- PTFE lined reducers
- PTFE expansion joints
- PTFE / FEP sight glasses

### Special hose options:

- Traced hoses
- Electrical or steam traced
- Dip tube assemblies

Teflon® 62N complies with the following FDA regulations:

- 21 CFR 177.1550
- 21 CFR 177.1520
- 21 CFR 177.2600
- 21 CFR 175.105
- 21 CFR 176.105
- 21 CFR 176.180

and meets the requirements of US Pharmacopeia Class VI.

All Conductive Teflon® Hoses from Xtraflex have an electrical resistance of max 10 / 6  $\Omega$  according to BS 2050 and comply with FDA regulation CFR 178.3297.

The Quality management of Xtraflex NV, has been certified according to NBN-EN-ISO 9001:2000

We reserve the right to alter the specifications without notice.

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榮昌機械私人有限公司  
Eng Cheong Machinery Co. Pte. Ltd.

RCB: 199205187E

呂榮堯

Ron Lui

Sales Engineer (Bsc in Business Management)

16 Changi South Street 1,  
Singapore 486782

Tel : (65) 6747 4393

Fax : (65) 6747 7431

Mobile: (65) 9689 8948

E-mail : ron@singaflex.com

ec1978@singnet.com.sg

[www.singaflex.com](http://www.singaflex.com)

