

Winner EC-TW Smooth Bore

Reduced, smooth bore
PTFE hose Conductive
(static-dissipating) hose



Danfoss' Everflex hoses are the premier choice for hose products made from premium grade Teflon™ fluoropolymer for use in truck, chemical, hot melt, steam, packaging, paint, machinery, and many other demanding applications. The Danfoss Winner PTFE hoses compliment the Everflex family of products by providing performance that meets SAE 100R14 and are ideally suited for use in applications where high and low temperature, chemical resistance, low coefficient of friction, flexibility, and non-aging characteristics are required.

Construction

- Non-conductive Teflon™ fluoropolymer inner tube
- One or two layers of stainless steel wire braid

Applications

- Alternative fuels
- Bus, truck, and off highway
- Chemical transfer
- Electric cooling
- Engine
- Fire/rescue air
- Hot press
- Paint and paint spraying
- Steam

Temperature Range

- -54 °C to +236 °C
- (-85 °F to +456 °F)

Number	Hose I.D.		Hose O.D.		Working pressure		Min. burst		Min. bend radius		Hose Weight		Vacuum Service	Hose Ends
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	In/HG	
EC-4TW	4.80	0.19	7.90	0.31	207	3,000	828	12,000	50	2.0	0.09	0.06	28	E-series/Field Attachable
EC-5TW	6.40	0.25	9.80	0.39	207	3,000	828	12,000	75	3.0	0.12	0.08	28	E-series/Field Attachable
EC-6TW	8.00	0.31	11.60	0.46	172	2,500	688	10,000	100	4.0	0.15	0.10	28 ‡	E-series/Field Attachable
EC-7TW	9.60	0.38	13.00	0.51	155	2,250	620	9,000	125	5.0	0.16	0.11	28 ‡	E-series/Field Attachable
EC-8TW	10.40	0.41	14.20	0.56	138	2,000	552	8,000	135	5.0	0.18	0.12	28 ‡	E-series/Field Attachable
EC-10TW	12.80	0.50	16.40	0.65	103	1,500	412	6,000	165	6.5	0.25	0.17	28 ‡	E-series/Field Attachable
EC-12TW	16.00	0.63	19.80	0.78	86	1,250	344	5,000	200	8.0	0.28	0.19	28 ‡	E-series/Field Attachable
EC-14TW	19.10	0.75	23.30	0.92	75	1,100	300	4,400	230	9.0	0.37	0.25	28 ‡	E-series/Field Attachable
EC-16TW	22.23	0.88	26.70	1.05	70	1,000	280	4,000	230	9.0	0.40	0.27	12 ‡	E-series/Field Attachable
EC-18TW	25.40	1.00	29.80	1.17	70	1,000	280	4,000	300	12.0	0.79	0.53	12 ‡	E-series/Field Attachable

WARNING: These hoses can be used to convey hazardous chemicals, steam, hot liquids, or other dangerous materials which can cause death, serious bodily injury including burns, pressure wounds, or chemical exposure if released accidentally. They should only be handled or worked on by personnel properly trained in the safe handling of the materials or chemicals conveyed in the hoses.

‡ Maximum negative pressure for -16 and larger are suitable for hose which has suffered no external damage or kinking. If greater negative pressures are required for -16 and larger hoses, the use of an internal support coil is recommended. Use of an internal support coil in -06 and larger hose is recommended for tube support where extended or continuous service at high temperature together with low or negative pressure is expected. For a list of internal support coils available, see page G-3.

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