

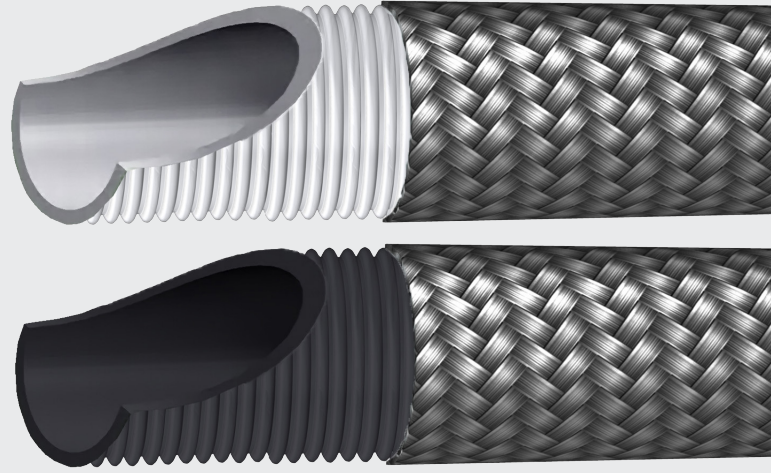
PH1581 PTFE HYPERFLEX HOSE SS BRAID

FEATURES

Applicable Standard

In compliance with FDA, EU Food, USP Class VI, Antistatic (AS), EN:16643

- Specially designed PTFE tube
- Reinforced with single braid of 304 series of stainless steel wire
- Continuous -54°C to 260°C temperature range
- Smooth bore for fast flow and easy clean
- Chemical resistant
- Resistant to diffusion of liquids and gases
- Vacuum resistant to -0.9bar up to 130°C (266°F)



ALSO AVAILABLE | PH1582

Specially designed PTFE antistatic tube with SS 304 wire braid

APPLICATIONS



BIO-TECH



AUTOMOTIVE



FOOD AND BEVERAGE



REFRIGERATION



STEAM + GAS LINES



PETRO-CHEMICAL

For some applications, the tube can be made antistatic for transferring electrically resistive fluids at high flow rates.

CODE Part Number	Dash Size	ID (Nom.)		OD (Nom.)		WP		BP		BR/r		W g/m
		in	mm	in	mm	psi	bar	psi	bar	in	mm	
PH1581-04	-4	1/4	6.80	0.378	9.6	1300	88	3900	264	0.7	19	92
PH1581-05	-5	5/16	7.90	0.417	10.6	1250	84	3750	252	0.7	19	126
PH1581-06	-6	3/8	10.00	0.531	13.5	1200	80	3600	240	1.0	25	160
PH1581-08	-8	1/2	13.60	0.689	17.5	870	60	2610	180	1.5	38	225
PH1581-10	-10	5/8	16.70	0.831	21.1	725	50	2175	150	2.0	50	336
PH1581-12	-12	3/4	19.80	0.965	24.5	610	42	1830	126	2.5	63	383
PH1581-16	-16	1	26.10	1.248	31.7	580	40	1740	120	3.0	75	540

The maximum working pressure indicated above should be reduced by 1% for each 1°C above 160°C (1% for each 1.8°F above 320°F), up to a maximum of 260°C (500°F).

This tube is not suitable for radioactive applications involving high-energy radiation, including radiation (degrades PTFE), medical implantation applications, and aerospace applications. Please consult Polyhose for more information.

PH034 PTFE HYPERFLEX TUBE

FEATURES

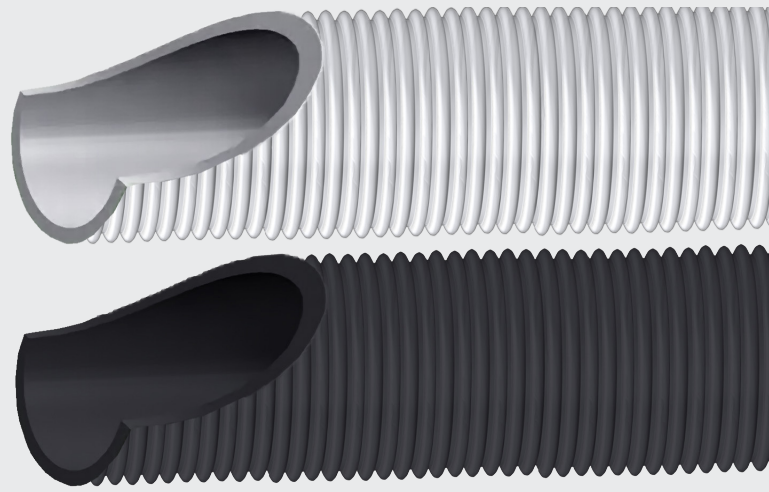
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ALSO AVAILABLE | PH035

Specially designed PTFE tube with antistatic properties



APPLICATIONS



BIO-TECH



AUTOMOTIVE



FOOD AND BEVERAGE



REFRIGERATION



STEAM + GAS LINES



PETRO-CHEMICAL

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		in	mm	in	mm	psi	bar	psi	bar	in	mm	
34-0090000680NT	-4	1/4	6.80	0.354	9.0	60	4	180	12	1.5	38	41
34-0100000800NT	-5	5/16	8.00	0.394	10.0	60	4	180	12	1.5	38	56
34-0125001000NT	-6	3/8	10.00	0.492	12.5	60	4	180	12	2.0	50	70
34-0162001360NT	-8	1/2	13.60	0.638	16.2	60	4	180	12	3.0	76	110
34-0200001670NT	-10	5/8	16.70	0.787	20.0	45	3	135	9	3.9	100	161
34-0235001980NT	-12	3/4	19.80	0.925	23.5	45	3	135	9	5.0	126	179
34-0303002610NT	-16	1	26.10	1.193	30.3	30	2	90	6	5.9	150	268

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