

Parker Polyflex PTFE Hoses

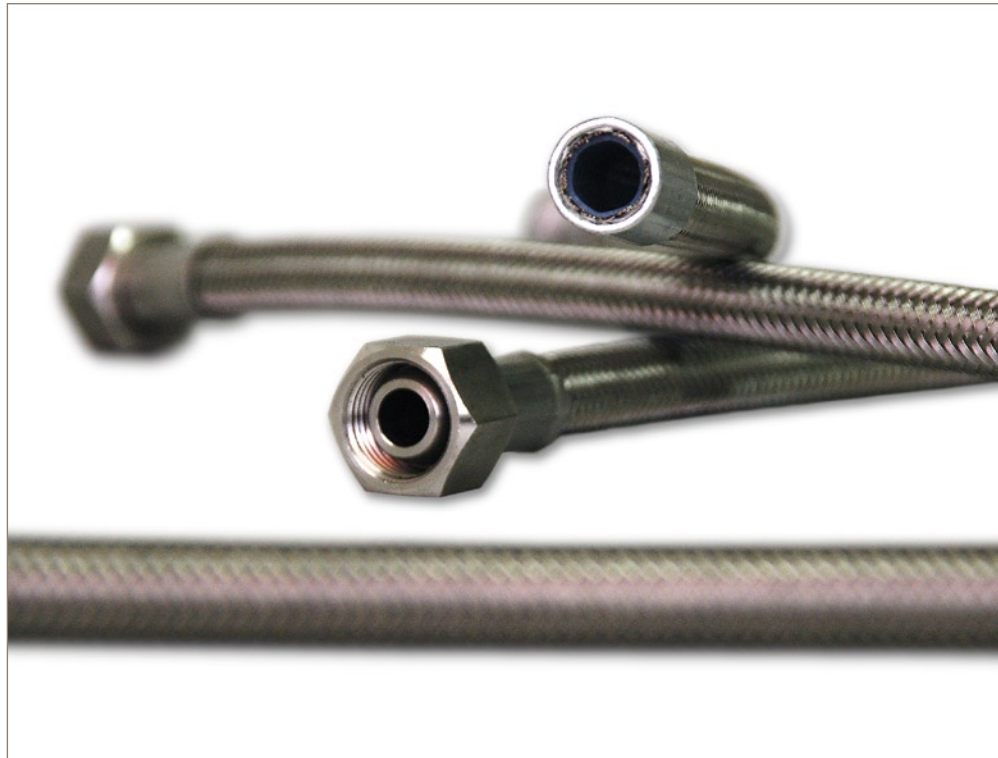


Advantages:

PTFE (polytetrafluoroethylene) is a high performance fluoroplastic with high crystallinity and high molecular weight, discovered in 1938 by DuPont chemist, Dr. Roy J. Plunkett.

PTFE is more commonly known as Teflon®, the DuPont trade name for PTFE.

Parker PTFE hose provides full conveyance solutions for a wide array of markets and applications because of the unique properties of PTFE.



Contact Information:

www.parker.com/polyflex

Unique properties of PTFE

- Inert to virtually all chemicals
- Applicable from -70 °C up to +232 °C (depending on hose type)
- Minimizes pressure drop and deposits on hose inner surface, easy to clean
- Convoluted designs have excellent bend radius properties
- Low tendency to hydrolysis
- Unlimited shelf life of bulk hose



ENGINEERING YOUR SUCCESS.

2030T – PTFE Hose



MAIN FEATURES:

- Suitable for high temperatures
- Inert to virtually all hydraulic and chemical fluids

APPLICATIONS:

Medium pressure service for use with hydraulic fluids at high temperatures and aggressive chemicals in the chemical industry, surface engineering, 2-component systems.

The core tube material conforms to FDA 21 CFR177.1550.

CONSTRUCTION:

Core tube : Polytetrafluoroethylene
Pressure reinforcement : One braided layer of stainless steel wire
Cover : –
Colour : –

TEMPERATURE RANGE:

-50°C up to +150°C permanent temperature
 +230°C at working pressures up to 2 MPa

SIZES AND DATA:

Part No. #	DN size mm inch				mm	Max. working pressure MPa / psi			Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
	5	-03	4,7	3/16		7,8	27,5	3.985	110,0	15.950			
2030T-03V70	5	-03	4,7	3/16	7,8	27,5	3.985	110,0	15.950	50	0,09	YX	
2030T-04V70	6	-04	6,3	1/4	9,5	24,0	3.480	96,0	13.920	75	0,13	YX	
2030T-05V70	8	-05	8,2	5/16	11,5	20,0	2.900	80,0	11.600	100	0,17	YX	
2030T-06V70	10	-06	9,7	3/8	13,0	17,5	2.535	70,0	10.150	120	0,19	YX	
2030T-08V70	12	-08	12,8	1/2	16,7	15,0	2.175	60,0	8.700	135	0,29	YX	
2030T-10V70	16	-10	16,0	5/8	20,0	12,5	1.810	50,0	7.250	160	0,34	YX	
2030T-12V70	20	-12	19,4	3/4	23,5	10,0	1.450	40,0	5.800	200	0,41	YX	
2030T-16V70	25	-16	25,0	1	29,0	8,0	1.160	32,0	4.640	250	0,51	YX	

NOTES:

- Not recommended for dynamic applications.

We reserve the right to make technical changes. The data contained correspond to the current status at the time of printing.

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