

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

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
												
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.

2030T-##CON – PTFE hose – convoluted



MAIN FEATURES

- Suitable for high temperatures
- Inert to virtually all hydraulic and chemical fluids
- **Extremely flexible and small bend radius**

APPLICATIONS

Medium pressure service for use with hydraulic fluids at **high temperatures** and **aggressive fluids** in the chemical and other industries, when **small bend radii and high flexibility** are required. The core tube material conforms to FDA 21 CFR177.1550. Due to its high purity the hose can also be used in the food industry.

CONSTRUCTION

Core tube : Polytetrafluoroethylene
Pressure reinforcement : One braided layer of stainless steel wire (AISI 304)

Cover : –

Colour : –

TEMPERATURE RANGE -70°C up to +230°C

Part No. #	DN	size	mm	inch	min. mm	max. mm	Max. working pressure MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
2030T-04CON	6	-04	6.4	1/4	9.3	9.9	17.2	2,500	68.8	10,000	18	0.11	PC
2030T-05CON	8	-05	8.2	5/16	12.3	12.9	15.5	2,250	62.0	9,000	25	0.16	PC
2030T-06CON	10	-06	9.9	3/8	13.8	14.5	13.8	2,000	55.2	8,000	30	0.21	PC
2030T-08CON	12	-08	12.8	1/2	17.8	18.5	10.3	1,500	41.2	6,000	40	0.25	PC
2030T-10CON	16	-10	16.0	5/8	22.2	23.1	8.3	1,200	33.2	4,800	51	0.30	PC
2030T-12CON	20	-12	19.3	3/4	24.0	25.2	6.9	1,000	27.6	4,000	64	0.37	PC
2030T-16CON	25	-16	25.5	1	32.2	33.3	4.6	670	18.4	2,680	89	0.54	PC
2030T-20CON	32	-20	32.2	1 1/4	40.2	41.5	3.4	490	13.6	1,960	125	0.69	1)

NOTES

- 1) Factory made assemblies only for size -20.
- For temperatures above 120 °C working pressure is to be adjusted by 1% for each temperature increase of 1 °C (Example: for 170 °C the max. WP is 50% of the value indicated in the table).
 - Bigger sizes available on request.