

Convolute PTFE hose

2030T-##CON / 2030TB-##CON



- Extreme flexibility
- Very small bend radii
- Chemical resistance against virtually all chemicals
- Extreme temperature range
- Food approved material

These characteristics qualify the hose for a variety of markets and applications:

- Transportation and mobile hydraulics
- Fluid transfer and handling
- Industrial hydraulics and pneumatics



Product Features:

- Excellent chemical resistance
- Temperature range from $-70\text{ }^{\circ}\text{C}$ up to $+230\text{ }^{\circ}\text{C}$
- Stainless steel braiding (AISI 304)
- Working pressure from 3.4 MPa (DN32) up to 17.2 MPa (DN6)
- Very small bend radius – up to 75% smaller than corresponding smooth bore hose
- 2030TB-##CON with conductive inner core (antistatic requirements)



ENGINEERING YOUR SUCCESS.

Applications

Transportation and Mobile Hydraulics

- Transfer of hot and/or aggressive media
e.g. compressor discharge lines or coolant lines
- Transfer lines in hot environment
e.g. supply lines close to the engine



Fluid Transfer and Handling

- Transfer of hot and/or aggressive media
e.g. chemical transfer lines or steam lines
- Transfer of ultra pure media
e.g. instrumentation lines for laboratories and testing



Industrial Hydraulics and Pneumatics

- Transfer of hot and/or aggressive media
e.g. thermo oil lines or supply lines for hot glue
- Transfer lines in hot environment
e.g. in calendaring machines, dryers or injection molding machines



Part Number #	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)

1) Size -20 only available as ready assembled lines.

- For Temperatures above 120 °C working pressure to be adjusted by 1% for each temperature increase of 1 °C, i.e. for an increase of 50 °C to 170 °C the WP needs to be reduced by 50%.
(Example: WP at 120 °C for 2030T-04CON is 17.2 MPa, WP at 170 °C is 8.6 MPa).
- Bigger sizes on request.

