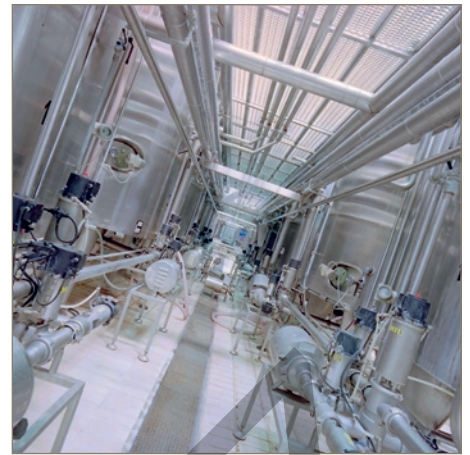


Convolute PTFE hose

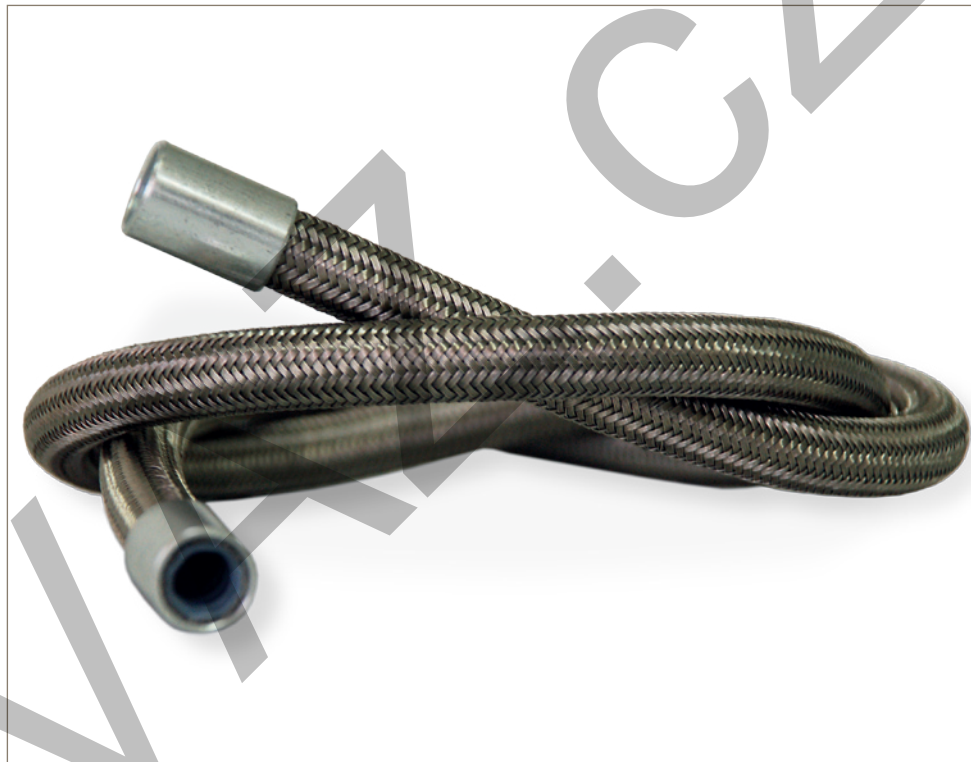
2030T-##CON / 2030TB-##CON



- 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.

