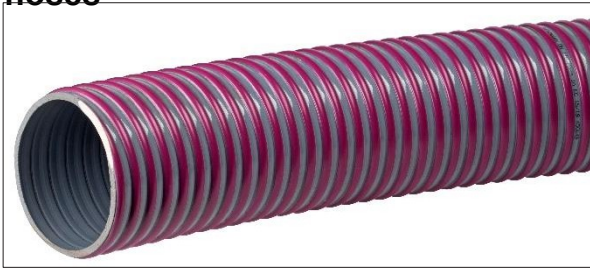




Water and waste water hoses



MULTIFLEX

Robust suction and discharge hose for water and waste water Hose material: grey and

purple PVC

Reinforcement: Hard PVC spiral

Operating temp: -20°C to +50°C
(temperature-dependent operating pressure)

Flexible and robust suction and delivery hose for water and waste water. Corrugated on the outside, almost smooth on the inside. Characterised by good resistance to external trauma and heavy use. Resistant to UV radiation and low temperatures. Used for irrigation systems, cisterns, sewer flushing and septic tank emptying. Also used in industrial installations.

| index | internal diameter [mm] | external diameter [mm] | wall thickness [mm] | working pressure 20°C [bar] | Bursting pressure 20°C [bar] | 20°C vacuum [bar] | bend radius [mm] | mass [kg/m] | Roll length [m] |
|------------------|------------------------|------------------------|---------------------|-----------------------------|------------------------------|-------------------|------------------|-------------|-----------------|
| FT-MULTIFLEX-025 | 25 | 32,6 | 3,8 | 8 | 24 | 0,9 | 90 | 0,48 | 50 |
| FT-MULTIFLEX-032 | 32 | 40 | 4 | 7 | 21 | 0,9 | 120 | 0,57 | 50 |
| FT-MULTIFLEX-038 | 38 | 46,4 | 4,2 | 6 | 18 | 0,9 | 140 | 0,67 | 50 |
| FT-MULTIFLEX-040 | 40 | 48,6 | 4,3 | 6 | 18 | 0,9 | 150 | 0,76 | 50 |
| FT-MULTIFLEX-051 | 51 | 61,6 | 5,3 | 5 | 15 | 0,9 | 190 | 1,05 | 50 |
| FT-MULTIFLEX-063 | 63 | 74,0 | 5,5 | 5 | 15 | 0,9 | 230 | 1,32 | 50 |
| FT-MULTIFLEX-070 | 70 | 81,6 | 5,8 | 4 | 12 | 0,9 | 260 | 1,57 | 50 |
| FT-MULTIFLEX-076 | 76 | 88,0 | 6,0 | 4 | 12 | 0,9 | 280 | 1,65 | 30 |
| FT-MULTIFLEX-080 | 80 | 92,6 | 6,3 | 4 | 12 | 0,9 | 290 | 1,83 | 30 |
| FT-MULTIFLEX-090 | 90 | 103,0 | 6,5 | 4 | 12 | 0,9 | 330 | 2,14 | 30 |
| FT-MULTIFLEX-102 | 102 | 115,6 | 6,8 | 4 | 12 | 0,9 | 370 | 2,57 | 30 |
| FT-MULTIFLEX-110 | 110 | 125,0 | 7,5 | 3 | 9 | 0,9 | 400 | 2,95 | 30 |
| FT-MULTIFLEX-127 | 127 | 142,8 | 7,9 | 3 | 9 | 0,9 | 460 | 3,71 | 20 |
| FT-MULTIFLEX-152 | 152 | 169,8 | 8,9 | 3 | 9 | 0,9 | 550 | 4,99 | 20 |

Note: indexes highlighted in colour - most commonly used

| Temperature dependence of burst pressure and working pressure for typical PVC hoses | temperature | 20°C | 30°C | 40°C | 50°C | 60°C | 70°C |
|---|-------------|------|------|------|------|------|------|
| | pressure | 100% | 74% | 55% | 40% | 30% | 22% |

MULTIFLEX hose DN 110 with STORZ coupling (ST-12133110-11) made of aluminium, firmly clamped with solid galvanised steel twin-screw ties (version W1) will be the equipment of a slurry tanker in East Bohemia.

