

# Hoses, Tubes and Fittings



All necessary tubing, hoses, fittings and fastening material are available to meet your system requirements.

Tubes are available in several sizes and materials ranging from steel, stainless steel, and copper to plastic (PA). To save your time when installing your own systems, plastic tubes are even available pre-filled with grease.

Fittings are also available in several sizes, materials and series (light to heavy). For easy installation, we have special Quicklinec push-in type fittings that can be used with plastic tubes.

## Popular Hoses and Plastic Tubes

| Part No.   | Description  | Maximum Operating Pressure | Minimum Bursting Pressure (with Hose Coupling, Screwed) at 20° C | Temperature Range                      | Minimum Bending Radius |
|--|--|----------------------------|--|--|------------------------|
| 504-36033-3<br>order by meter,<br>max. length<br>50 meters | high-pressure<br>plastic hose<br>8.6 X 2.3 mm<br>GREASE-FILLED | 350 bar<br>(5075 psi)      | 600 bar<br>(8700 psi)  | -40° C to +70° C<br>(-40° F to 158° F) | 35 mm<br>(1.4 in)      |
| 504-36041-2<br>order by meter,<br>max. length<br>50 meters | pressure<br>plastic tube<br>6 X 1.5 mm<br>GREASE-FILLED        |                            | 210 bar<br>(3045 psi)  |  | 50 mm<br>(2 in)        |
| 111-35114-1<br>order by meter,<br>max. length<br>50 meters | high-pressure<br>plastic hose<br>8.6 X 2.3 mm<br>UNFILLED      |                            | 600 bar<br>(8700 psi)  |  | 35 mm<br>(1.4 in)      |
| 112-35127-7<br>order by meter,<br>max. length<br>50 meters | pressure<br>plastic tube<br>4 X 1 mm<br>UNFILLED               |                            | 210 bar<br>(3045 psi)  |  | 50 mm<br>(2 in)        |
| 112-35127-2<br>order by meter,<br>max. length<br>50 meters | pressure<br>plastic tube<br>6 X 1.5 mm<br>UNFILLED             |                            | 210 bar<br>(3045 psi)  |  | 50 mm<br>(2 in)        |
|  |  |                            |  |  |                        |

## Threaded Sleeves and Hose Studs for High-pressure Plastic Hose

| Part No.    | Item Standard | Designation           | Ø mm |
|-------------|---------------|-----------------------|------|
| 432-23031-1 | 1             | threaded sleeve       |      |
| 432-24162-1 | 2             | hose stud, short      | 6    |
| 432-23067-1 | 2             | hose stud, long       | 6    |
| 532-30739-1 | 2             | hose stud, 90°, short | 6    |
| 532-30738-1 | 2             | hose stud, 90°, long  | 6    |



Threaded Sleeves and Hose Stud

| Part No.    | Item<br>Stainless Steel | Designation      | Ø mm |
|-------------|-------------------------|------------------|------|
| 432-23676-1 | 1                       | threaded sleeve  |      |
| 432-23675-1 | 2                       | hose stud, short | 6    |

## Seamless Precision Tubing

| Dia. (mm) | Yellow<br>Chromated Steel<br>DIN 2391<br>ISO 3304 | Stainless Steel<br>1.4571<br>DIN 2462<br>ISO 1127 | Stainless Steel<br>1.4301<br>DIN 2462<br>ISO 1127 | Stainless Steel<br>1.4541<br>DIN 2462<br>ISO 1127 | Copper<br>Semi-rigid<br>SfCuF25,<br>DIN 1754 |
|-----------|---|---|---|---|--|
|-----------|---|---|---|---|--|

### Heavy Range: For S Type Fittings

|          |             |             |             |             |             |
|----------|-------------|-------------|-------------|-------------|-------------|
| 6 x 1    | 105-35025-2 | 106-35203-4 | 106-35231-1 | 106-35064-4 | 107-35287-2 |
| 10 x 1,5 | 105-35025-5 | 106-35203-2 | 106-35231-3 | 106-35063-3 | 107-35045-4 |
| 12 x 1,5 | 105-35134-3 | 106-35233-9 | 106-35267-1 | 106-35063-5 |             |
| 16 x 2   | 105-35183-3 |             | 106-35231-5 |             |             |
| 20 x 2   | 105-35134-1 | 106-35203-1 | 106-35231-6 | 106-35063-8 | 107-35045-6 |
| 30 x 3   | 105-35134-4 | 106-35203-7 | 106-35231-7 | 106-35064-9 |             |

### Medium to Light Range: For L & LL Fittings

|          |             |             |             |             |             |
|----------|-------------|-------------|-------------|-------------|-------------|
| 8 x 1    | 105-35025-3 | 106-35203-3 | 106-35231-2 | 106-35063-1 |             |
| 15 x 1,5 | 105-35134-9 | 106-35233-1 | 106-35231-4 |             | 107-35045-9 |
| 22 x 2   | 105-35251-2 | 106-35292-2 | 106-35267-4 | 106-35064-8 |             |
| 28 x 2   |             | 106-35292-1 |             | 106-35285-1 |             |
| 28 x 3   | 105-35183-7 |             |             |             |             |