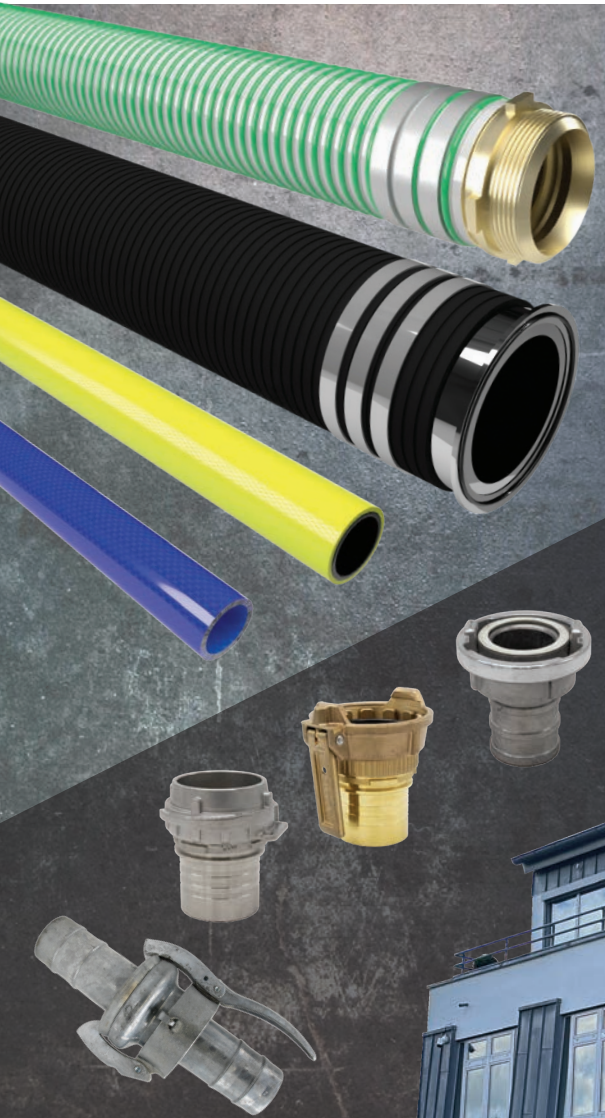




# Frauenhof

Pure Quality. Pure Service. Pure Frauenhof.

## Industrial- and Suction Hoses



**Synthetic Spiral Hoses**

**Rubber Spiral Hoses**

**Water Hoses**

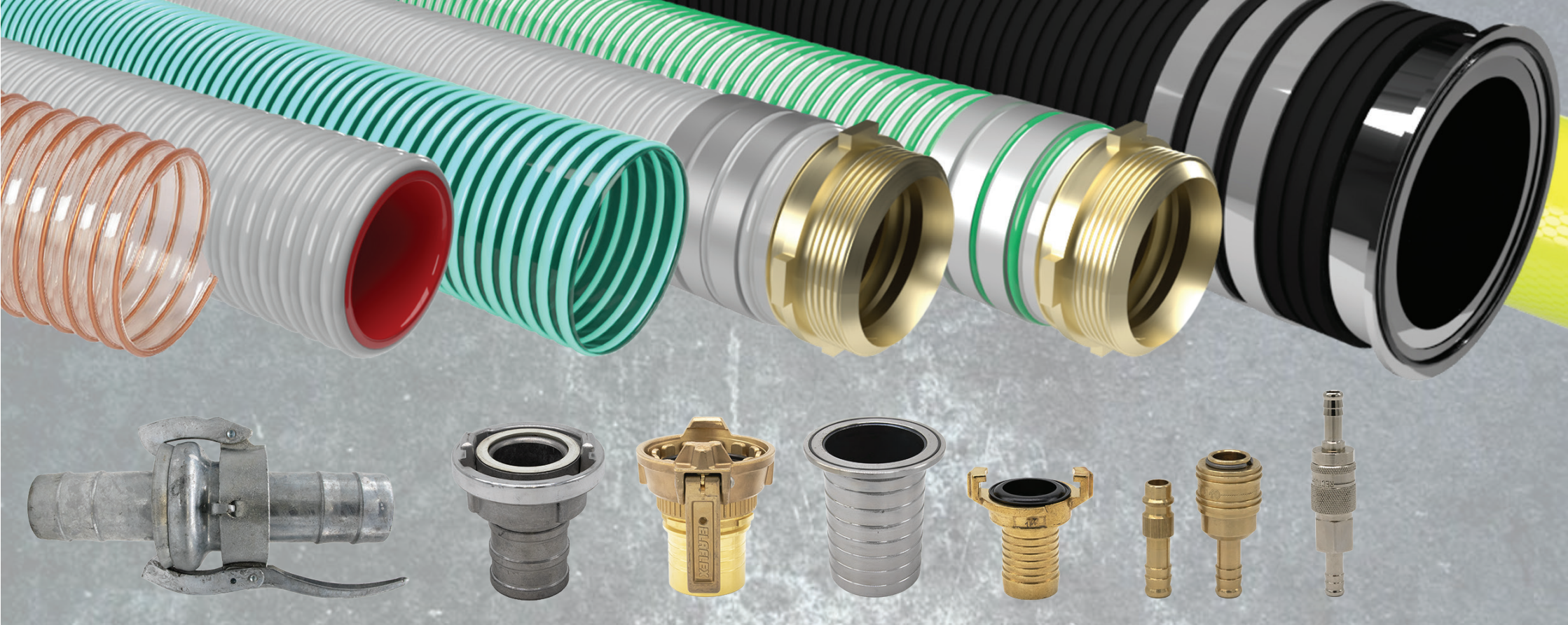
**Air Hoses**

**Fittings**

**Accessories**







# Industrial and Suction Hoses

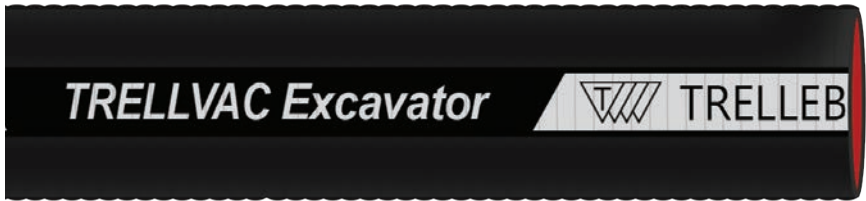
When disposing liquid and nonliquid media, suction and pressure hoses need to meet high requirements. Hence, hose reliability is an absolute necessity for you and a surety in daily use. As our hoses need to pass the most diligent product selection process, they meet the highest quality standards in terms of wear resistance, abrasion resistance, shape stability, resistance to weather and durability. Depending on their application, these hoses must not only have a highly abrasion-resistant inner tube and an electrically conductive and wear-resistant cover but also ensure maximum flexibility and an optimal weight.

The combination of these features and the HF gland coupling system, that we helped to develop, is the reason why our hose lines for abrasive matter claim the position of quality leadership.

Relying on our constant dialogue with our customers, we have assembled an assortment that meets all the requirements stated above and is presented to you on the following pages.



# Suction Dredge Hose TRELLVAC



## Scope of Application

Special working hose for suction excavator use.

## Properties

- Standard length 6.90 m / other lengths available on request
- Spiral-free muffs on both sides
- Long service life thanks to the high-quality NR inner tube and the appropriate thickness
- light weight
- High flexibility

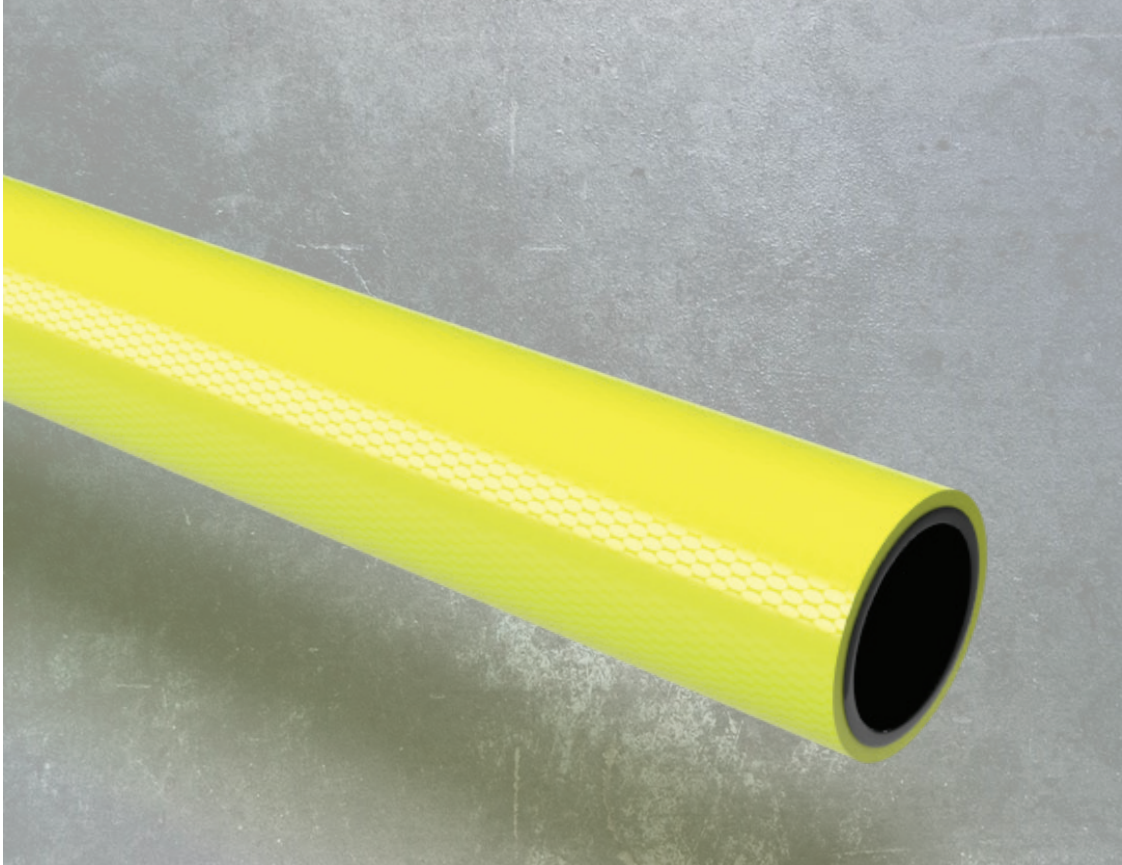
## Construction

- Inner tube: SBR, black, smooth
- Outside cover: SBR, black, fabric-textured
- Insertion: with steel wire spiral

## Temperature Range:

- -30°C to +80°C

| Article no. |  |  |  |  |  | Sleeve length | Sleeve extension | Max. Vacuum |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|------------------|-------------|
| -           | 254 mm                                                                              | 307 mm                                                                              | 164 kg                                                                              | 500 mm                                                                              | 5,3 m                                                                               | 70 mm         | 254 mm           | 13 psi      |
| 283311      | 254 mm                                                                              | 300 mm                                                                              | 196 kg                                                                              | 500 mm                                                                              | 6,9 m                                                                               | 70 mm         | 254 mm           | 13 psi      |
| 283312      | 254 mm                                                                              | 300 mm                                                                              | 195 kg                                                                              | 500 mm                                                                              | 6,9 m                                                                               | 120 mm        | 264 mm           | 13 psi      |
| -           | 254 mm                                                                              | 300 mm                                                                              | 225 kg                                                                              | 500 mm                                                                              | 7,9 m                                                                               | 70 mm         | 254 mm           | 13 psi      |



# Water Hoses

Starkler

Semperit Supreme

Goldschlange

Quatroflex

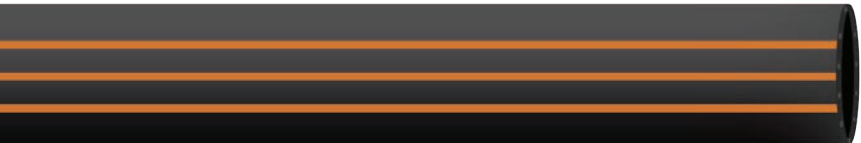
Flat Hoses

# Water Hoses

## Starkler



## Semperit EPDM Water Hose



### Scope of Application

For purposes of ultra high pressure conveying of cold respectively hot water as well as multiple other liquids. For cleaning and other purposes in a wide variety of workstreams: industry, construction, agriculture, etc.

### Properties

- Exceptional resistance to weather and aging
- Outstanding strength values
- Constantly high performance values over the long term
- Two synthetic textile insertions Construction

### Construction

- Inner tube: EPDM, black, smooth
- Cover: EPDM, black

### Temperature Range

- -30°C to +100°C

| Article no. |  | Wall thickness |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 280118      | 12,7 mm                                                                             | 4 mm           | 20,7 mm                                                                             | 290 psi                                                                             | 870 psi                                                                             | 55 mm                                                                               | 0,27 kg/m                                                                            |
| 280119      | 19,4 mm                                                                             | 4,5 mm         | 28,4 mm                                                                             | 290 psi                                                                             | 870 psi                                                                             | 85 mm                                                                               | 0,43 kg/m                                                                            |
| 280120      | 25,4 mm                                                                             | 4,8 mm         | 35,0 mm                                                                             | 290 psi                                                                             | 870 psi                                                                             | 100 mm                                                                              | 0,58 kg/m                                                                            |

# Goldschlange



### Scope of Application

The Goldschlange is the right hose for challenging applications. This hose is a water and cleaning hose for use on construction sites, outdoors, or on machines, devices, containers.

### Properties

- Robust
- Long-lasting
- Buckling and impact resistance (able to drive over)
- Black, non-porous, smooth EPDM inner layer
- Black, fabric-textured outer layer made of polycholoprene, resistant to ozone, weather, UV, oil, fat and chemicals, abrasion-resistant

### Temperature Range

- -30°C to +100°C

| Article no. |  | Wall thickness |  |  |  |  |
|-------------|---------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 280112      | 13 mm                                                                                 | 3,9 mm         | 0,225 kg/m                                                                            | 50 mm                                                                                 | 435 psi                                                                               | Goods sold by the meter                                                               |
| 280113      | 19 mm                                                                                 | 4,4 mm         | 0,385 kg/m                                                                            | 80 mm                                                                                 | 360 psi                                                                               | Goods sold by the meter                                                               |
| 280114      | 25 mm                                                                                 | 4,5 mm         | 0,49 kg/m                                                                             | 160 mm                                                                                | 290 psi                                                                               | Goods sold by the meter                                                               |

# Quatroflex



## Type Tricotech:

- Plastic water hose
- Inner tube: PVC, black, smooth
- Outer cover: PVC, yellow, smooth
- Inserts: Braided textile inserts
- Temperature range: -10°C to +60°C
- Color: yellow
- Roll length á 50 m

## Type Turboflex:

- Structure 3-layer, 24-thread diagonal reinforcement
- Temperature range: -20°C to +60°C
- Abrasion resistant
- Light and ozone resistant
- Color: yellow
- Roll length á 100 m

| Article no. | Description | Size   |  |  |  |
|-------------|-------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 280121      | Tricotech   | 1/2"   | 145 psi                                                                           | 362 psi                                                                           | 50 m                                                                               |
| 280122      | Tricotech   | 3/4"   | 145 psi                                                                           | 362 psi                                                                           | 50 m                                                                               |
| 280457      | Tricotech   | 1"     | 145 psi                                                                           | 362 psi                                                                           | 50 m                                                                               |
| 280458      | Tricotech   | 1 1/4" | 145 psi                                                                           | 362 psi                                                                           | 50 m                                                                               |
| 280459      | Tricotech   | 1 1/2" | 145 psi                                                                           | 362 psi                                                                           | 50 m                                                                               |
| 282258      | Tricotech   | 2"     | 145 psi                                                                           | 362 psi                                                                           | 25 m                                                                               |
| 280122-100  | Turboflex   | 3/4"   | 188 psi                                                                           |                                                                                   | 100 m                                                                              |

# Flat Hoses



## Scope of Application

Suitable for filling industrial plants and tanks as well as pneumatic pressure conveying of powdered respectively granular goods and liquid media. Exceptions are A1 substances (e.g. acids, lyes, solvents or oils).

- Great grip due to ribbed hose cover
- Resistance R < 1 megaohm
- Fixed lengths with special Storz fittings
- All the flat hoses can be tailored to you needs

## Construction

- Inner tube: special natural rubber mixture, electrically conductive
- Cover: NBR rubber, electrically conductive

## Properties

- Extremely flexible design with low minimum bend radii
- Extremely abrasion-resistant rubber or fabric mixture

| Article no. |  | Colour/Material |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 280479      | D / 25 mm                                                                           | Black / Rubber  | 0,21 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 281475      | C / 50 mm                                                                           | Black / Rubber  | 0,40 kg/m                                                                           | 232 psi                                                                              | 5 m                                                                                 |
| 281539      | C / 50 mm                                                                           | Black / Rubber  | 0,40 kg/m                                                                           | 232 psi                                                                              | 10 m                                                                                |
| 281431      | C / 50 mm                                                                           | Black / Rubber  | 0,40 kg/m                                                                           | 232 psi                                                                              | 15 m                                                                                |
| 281432      | C / 50 mm                                                                           | Black / Rubber  | 0,40 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 281433      | C / 50 mm                                                                           | Black / Rubber  | 0,40 kg/m                                                                           | 232 psi                                                                              | 25 m                                                                                |
| 280292      | C / 50 mm                                                                           | White / Fabric  | 0,26 kg/m                                                                           | 232 psi                                                                              | 5 m                                                                                 |
| 280891      | C / 50 mm                                                                           | White / Fabric  | 0,26 kg/m                                                                           | 232 psi                                                                              | 10 m                                                                                |
| 280293      | C / 50 mm                                                                           | White / Fabric  | 0,26 kg/m                                                                           | 232 psi                                                                              | 15 m                                                                                |
| 280294      | C / 50 mm                                                                           | White / Fabric  | 0,26 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 281650      | C / 50 mm                                                                           | Yellow / Rubber | 0,40 kg/m                                                                           | 232 psi                                                                              | 5 m                                                                                 |
| 281651      | C / 50 mm                                                                           | Yellow / Rubber | 0,40 kg/m                                                                           | 232 psi                                                                              | 10 m                                                                                |
| 281652      | C / 50 mm                                                                           | Yellow / Rubber | 0,40 kg/m                                                                           | 232 psi                                                                              | 15 m                                                                                |
| 281653      | C / 50 mm                                                                           | Yellow / Rubber | 0,40 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 281654      | C / 50 mm                                                                           | Yellow / Rubber | 0,40 kg/m                                                                           | 232 psi                                                                              | 25 m                                                                                |
| 281519      | B / 75 mm                                                                           | Black / Rubber  | 0,65 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 280296      | B / 75 mm                                                                           | White / Fabric  | 0,40 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 281611      | A / 100 mm                                                                          | Black / Rubber  | 1,00 kg/m                                                                           | 232 psi                                                                              | 20 m                                                                                |
| 280307      | A / 100 mm                                                                          | White / Fabric  | 0,64 kg/m                                                                           | 232 psi                                                                              | 25 m                                                                                |



## ULTRA-HIGH PRESSURE TECHNOLOGY

- Thermoplastic High-Pressure Hoses
- Rubber High-Pressure Hoses
- Adapters & Connectors
- Waterjet Protection
- Accessories

## INDUSTRIAL AND SUCTION HOSES

- Suction and Pressure Hoses
- Tank Truck and Chemical Hoses
- Flat Hoses
  - Air Conveyor System Hoses
  - Fittings

## SERVICE & MAINTENANCE

## SEWER CLEANING

- Sewer Cleaning Hoses
- Cassette Boom Hoses
- Nozzles
- Sewer Cleaning Accessories

## SEWER REHABILITATION

- Resins
- Glass Fiber Material
- Inversion lining systems and equipments
- Rehabilitation Packer
- Pipe and Test Sealing Cushions
- Accessories

## PERSONAL PROTECTIVE EQUIPMENT (PPA)

- Protective Clothing
- Workplace Safety
- Barriers/Construction Site Safety
- Respiratory Protection
- Gas Detection/Self-Rescue
- Entry Safety Devices
- Lamps

