



# Frauenhof

Pure Quality. Pure Service. Pure Frauenhof.

## Ultra High Pressure Technology



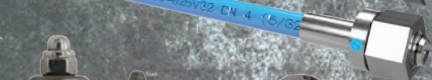
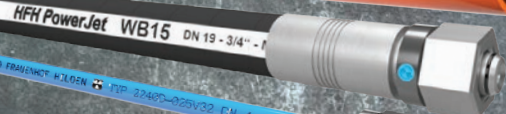
Hoses

Fittings

Nozzles

Adapters und  
Connectors

Waterjet Protection



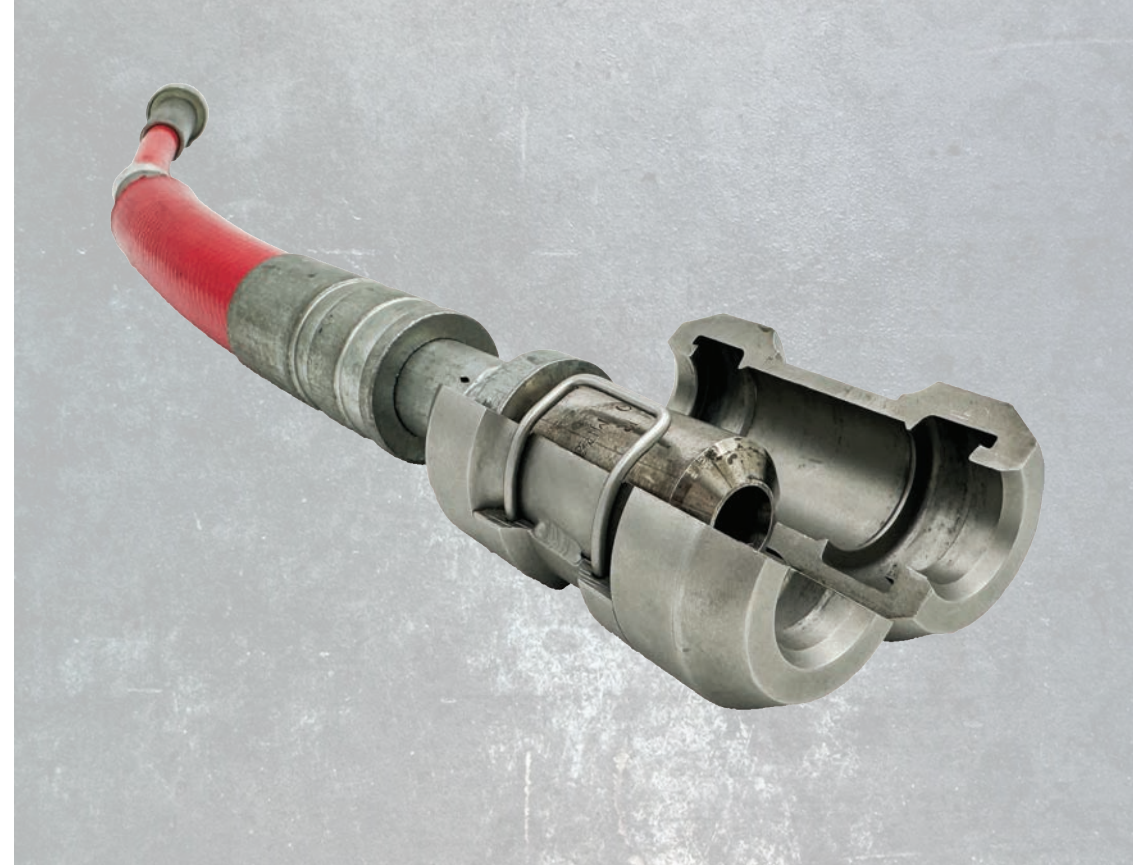
## Complaints

We view ourselves as a service provider. As such, it is our job to provide you with greatest possible value through our services.

As a dealer with integrated assembly, we are part of a network of manufacturers and other service providers. At all those intersections, there are people taking care of your requests and needs. In case there is any objection or complaint, please do not hesitate to contact us. In the ongoing dialogue with all the partners involved and you as our customer, we use our experience to give you the feeling that you are in good hands with us.

[illegible]

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Technische Bestandung</b><br><b>- Kundenfragebogen -</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |
| <b>Bestandungs-Nr.:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Datum der Bestandung:</b> |
| <b>Kunde:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>eventueller Kunde:</b>    |
| <b>Hersteller:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Hersteller:</b>           |
| <b>Vorgang-Nr.:</b><br>Ursache, Ereignis, Nr.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Leistung:</b>             |
| <b>Artikel</b><br>gibt Nr.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |
| <b>Bezeichnung:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |
| <b>Problembeschreibung bzw. Erscheinungsbild:</b> <span style="float: right;">( Was wird bestandet? Ggfs. Foto? )</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |
| <b>Ausgeführte Tätigkeit bei Erscheinen des Problems:</b><br>( Woher und wann trat das Problem auf? Wie lang der Ausfall von statten? Ersatzleistungen? Ggfs. Foto? )                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |
| <b>Standort des Produkts ( )</b> ( Wo wurde es in Betrieb genommen und wie viele Betriebsstunden hatte es bei Ausfall ungefähr? )                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |
| <b>Modellname:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Betriebsstunden ca.:</b>  |
| <b>Bei Bezeichnung einer Schädelschätzung:</b><br>Welche Serien Nr. hat die Schädelschätzung? ( muss auf der Artmark oder einem Originalfoto / Foto in einem Brief zu finden )<br>Welches Ventilationsrohr hat die Schädelschätzung ( fortlaufend aufgeführt )?<br>Welche Chargen-Nr. ( GC-Nr. ) hat der Schlauch ( fortlaufend aufgeführt )?<br>Wo hat die Schädelschätzung nach die Original-Anmarken?<br>Falls nein: welche Artmarken hat die Leistung ( ggf. Original-Handelskz. )?<br>Waar hat die letzte Artmarken-Markierung verschommen?<br>Bei welchen Kunden hat die Leistung ungefähr zw.? |                              |
| <b>Bitte beachten:</b> zur evtl. Anomelierung einer Schädelschätzungskalkulation <b>müssen</b> dem Hersteller immer zumindest die Endstücke mit den Original-Artmarken vorgelegt werden können ( ohne erfolgt eine Meldung )                                                                                                                                                                                                                                                                                                                                                                          |                              |
| <b>Seite 1/2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |
| <b>Mühlenbach 3-5 · 40724 Hilden · Telefon ( 02103 ) 2464-0 · Telefax ( 02103 ) 2464-30</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |
| <b>Internet: <a href="http://www.rauenhof.de">www.rauenhof.de</a> · E-mail: <a href="mailto:central@rauenhof.de">central@rauenhof.de</a></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |



# Fittings

# Polyflex LOK-System



Polyflex LOK adapters are characterized by their simple, quick, and convenient assembly. Irrespective of their simple assembly, that is also feasible without any tools, they are approved up to a working pressure of 3,200 bar with a safety coefficient of 2.5. Simple plugging allows to prevent assembly errors and prevents hoses from twisting during usage.

The LOK-System is available in the following sizes:

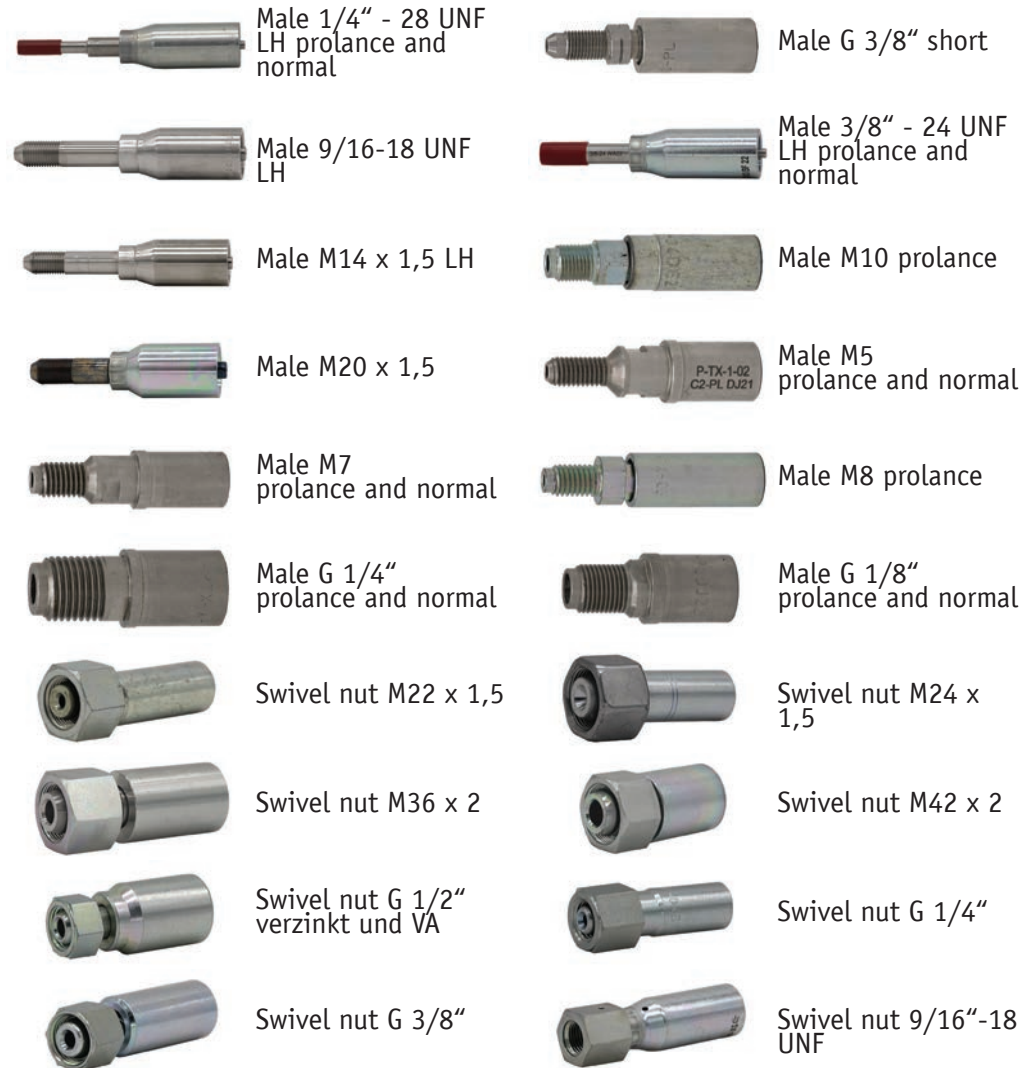
- DN5
- DN8
- DN12



## Your Advantages:

- simple, quick and convenient assembly
- high safety in operation
- assembly without any tools
- reduction of assembly errors
- tear-off protected
- great time savings

# Further Fittings





## Pistols (600 bar)

### Technical data:

- DN 13 / 600 bar
- Flat jet R 1/4'
- Hose connection R 1/2'
- Swivelling handle
- Integrated stainless steel swivel joint
- Length (incl. nozzle attachment) 500 mm
- max. 80 l/min
- max. 150°C

Article no.: 160124

Pistol burst protection suitable for all pistol hoses with DKOS M24x1.5 200 mm long corrugated stainless steel pipe, fitted with retaining strap and clamp lock to fix the burst protection and secure it over the pistol pipe. In addition, a burst protection hose 500mm long to ensure clean drainage of the escaping water in the event of a leak, all completely shrink-wrapped.



## Adapters and Connectors

# Adapters

| Article no. |  (from) |  (to) |  |
|-------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 120421      | Male M10 x 1,5/24°                                                                       | Male 3/8" fs.                                                                          | 14.500 psi                                                                        |
| 120420      | Male M10 x 1,5/24°                                                                       | Male 3/8" fs.                                                                          | 14.500 psi                                                                        |
| 120419      | Male M14 x 1,5/24°                                                                       | Male 3/8" fs.                                                                          | 14.500 psi                                                                        |
| 100229      | Male M22 x 1,5/24°                                                                       | Male 1/4"                                                                              | 14.500 psi                                                                        |
| 102094      | Male M22 x 1,5/24°                                                                       | Male 1/2"                                                                              | 26.100 psi                                                                        |
| 160396      | Male M24 x 1,5/24°                                                                       | Male 1"                                                                                | 14.500 psi                                                                        |
| 160395      | Male M24 x 1,5/24°                                                                       | Female 1/2" s.                                                                         | 14.500 psi                                                                        |
| 160394      | Male M24 x 1,5/24°                                                                       | Female M24 x 1,5 fs.                                                                   | 14.500 psi                                                                        |
| 160321      | Male M24 x 1,5/24°                                                                       | Male M22 x 1,5 fs.                                                                     | 14.500 psi                                                                        |
| 120407      | Male M24 x 1,5/24°                                                                       | Male 1/2"                                                                              | 14.500 psi                                                                        |
| 102093      | Male M24 x 1,5/24°                                                                       | Male 1/2" fs.                                                                          | 14.500 psi                                                                        |
| 120771      | Male M24 x 1,5/24°                                                                       | Male M42 x 2                                                                           | 17.400 psi                                                                        |
| 121328      | Male M24 x 1,5/24°                                                                       | Male M36 x 2 fs.                                                                       | 20.300 psi                                                                        |
| 102089      | Male M24 x 1,5/24°                                                                       | Swivel nut M22 x 1,5                                                                   | 20.300 psi                                                                        |
| 100230      | Male M24 x 1,5/24°                                                                       | Male 1/4"                                                                              | 20.300 psi                                                                        |
| 290032      | Male M24 x 1,5/24°                                                                       | Male M22 x 1,5                                                                         | 21.750 psi                                                                        |
| 102095      | Male M24 x 1,5/24°                                                                       | Female 9/16"-18 UNF-LH                                                                 | 36.250 psi                                                                        |
| 102088      | Male M24 x 1,5/24° fs.                                                                   | Female 1/4"                                                                            | 20.300 psi                                                                        |
| 120623      | Male M36 x 2/24°                                                                         | Male 1"                                                                                | 14.500 psi                                                                        |
| 120624      | Male M42 x 2/24°                                                                         | Male 1"                                                                                | 14.500 psi                                                                        |
| 160328      | Swivel nut M24 x 1,5 rotatable                                                           | Swivel nut M24 x 1,5 rotatable                                                         | 26.100 psi                                                                        |
| 160485      | Female 9/16-18 UNF LH 59°                                                                | Male G 1/4" fs.                                                                        | 15.950 psi                                                                        |
| 160486      | Female 9/16-18 UNF LH 59°                                                                | Male M14 x 1,5 LH 58°                                                                  | 43.500 psi                                                                        |
| 160320      | Swivel nut M36 x 2 rotatable                                                             | Male M24 x 1,5 24°                                                                     | 23.200 psi                                                                        |
| 160295      | Swivel nut M36 x 2 rotatable                                                             | -                                                                                      | 14.500 psi                                                                        |



120421



120420



100229



102094



160396



160394



160321



120407



102093



120771



102089



100230



290032



102095



120624



160328



160485



160486



160320



160295



## Connectors

| Article no. | Description                                                                                                                 | <br>(Main element) | <br>(complete) | DN<br>(Ø flow) |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|
| 283940      | For male M14 x 1,5 left and 2 thrust screws male M26 x 1,5                                                                  | 46mm                                                                                                | 73mm                                                                                            | 5              | 58.000 psi                                                                         |
| 282446      | For Male M20 x 1,5 LH with mounting for thrust ring on both sides thrust ring male M36 x 2<br>Angled Block 90°              | 83mm                                                                                                | 121mm                                                                                           | 9              | 58.000 psi                                                                         |
| 283931      | Male M14 x 1,5 LH and 2 thrust screws male M26 x 1,5                                                                        | 50mm                                                                                                | 64mm                                                                                            | 5              | 58.000 psi                                                                         |
| 283932      | T-piece male M14 x 1,5 LH and 3 thrust screws male M26 x 1,5                                                                | 50mm                                                                                                | 77 x 64mm                                                                                       | 5              | 58.000 psi                                                                         |
| 283938      | For 3/8 - 24 UNF LH with 2 thrust rings and screws                                                                          | 42mm                                                                                                | 70mm                                                                                            | 3              | 58.000 psi                                                                         |
| 282442      | For Male M14 x 1,5 LH large with holder for large thrust ring, both sides thrust screw male M30 x 2 (large model of 283940) | 47mm                                                                                                | 83mm                                                                                            | 5              | 58.000 psi                                                                         |
| 160487      | Both sides female 9/16-18 UNF LH                                                                                            | 60mm                                                                                                | 60mm                                                                                            | 5,5            | 36.250 psi                                                                         |
| 160488      | Both sides female 1/4" BSP                                                                                                  | 46mm                                                                                                | 46mm                                                                                            | 5              | 21.750 psi                                                                         |
| 160489      | Both sides female 1/4" BSP (IG)                                                                                             | 46mm                                                                                                | 46mm                                                                                            | 5              | 15.950 psi                                                                         |
| 160490      | Both sides female 1/8" BSP (IG)                                                                                             | 32mm                                                                                                | 32mm                                                                                            | 4,5            | 14.500 psi                                                                         |
| 160491      | Both sides female M7 (IG)                                                                                                   | 30mm                                                                                                | 30mm                                                                                            | 3              | 17.400 psi                                                                         |
| 160492      | Both sides female M5 incl. POM-sealing                                                                                      | 30mm                                                                                                | 30mm                                                                                            | 1,5            | 15.950 psi                                                                         |



283940



282446



283931



283932



283938



282442



160487



160488



160489



160490



160491



160492

## Double Nipples

| Article no. | <br>(from) | <br>(to) |  |
|-------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 121371      | Male 1/4"                                                                                     | Male 1/4"                                                                                   | 7.250 psi                                                                           |
| 120638      | Male M22 x 1,5/24°                                                                            | Male M22 x 1,5/24°                                                                          | 21.750 psi                                                                          |
| 120669      | Male M24 x 1,5/24°                                                                            | Male M24 x 1,5 fs.                                                                          | 15.950 psi                                                                          |
| 121335      | Male M24 x 1,5/24°                                                                            | Male M24 x 1,5 fs.                                                                          | 20.300 psi                                                                          |
| 102091      | Male M24 x 1,5/24°                                                                            | Male M24 x 1,5 fs.                                                                          | 26.100 psi                                                                          |
| 120217      | Male M24 x 1,5/24°                                                                            | Male M24 x 1,5/24°                                                                          | 26.100 psi                                                                          |
| 121522      | Male M30 x 2/24°                                                                              | Male M30 x 2/24°                                                                            | 29.000 psi                                                                          |
| 121329      | Male M36 x 2/24°                                                                              | Male M36 x 2 fs.                                                                            | 20.300 psi                                                                          |
| 120218      | Male M36 x 2/24°                                                                              | Male M36 x 2                                                                                | 23.200 psi                                                                          |
| 120773      | Male M42 x 2/24°                                                                              | Male M42 x 2                                                                                | 17.400 psi                                                                          |
| 121379      | Male M22 x 1,5 WGA                                                                            | Male M22 x 1,5 WGA                                                                          | 10.870 psi                                                                          |
| 121540      | Male M24 x 1,5/24°                                                                            | Male M24 x 1,5 WGA                                                                          | 8.700 psi                                                                           |
| 121370      | Swivel nut DKOS M24 x 1,5 rotatable 24°                                                       | Male M24 x 1,5/24°                                                                          | 14.500 psi                                                                          |
| 120405      | Male M36 x 2 24°                                                                              | Male M24 x 1,5/24°                                                                          | 23.200 psi                                                                          |
| 121539      | Male M24 x 1,5/24°                                                                            | Male 3/8" BSP fs.                                                                           | 21.750 psi                                                                          |



120638



120669



121335



102091



120217



121522



121329



120218



120773



121379



121540



121370



120405



121539

# Our Product Range

## 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

## 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

## SERVICE & MAINTENANCE