

# CHEMIKLER FEP

## CHEMICAL AND PETROCHEMICAL

Chemical and corrosive products/Transfer



### Applications

Suction and discharge of corrosive chemicals: fuels, solvents, oils and corrosive chemicals except *chlorine trifluoride, fluorine gas dry, oxygen difluoride, phosgene and molten alkalis metals such as sodium.*

For road and rail tankers, unloading bays as well as mobile and fixed installations in chemical, pharmaceutical, and allied industries.

### Advantages

- Conveyed products are not spoiled (they keep clear and pure).
- Smooth inner tube for maximum flow and easier washing out (with steam up to + 150 °C).
- Inner tube in accordance with directives of American Food and Drug Administration (FDA).
- Together with the built-in wire which is connected to the coupling, the cover will secure conductivity of electrical charges.
- Hose construction gives an excellent bending radius.
- Abrasion and chemical resistant cover.
- Can be fitted with many types of couplings.

### Technical description

**Inner tube:** chemical resistant FEP (Fluorinated Ethylene Propylene), white, smooth.

**Reinforcement:** synthetic textile with embedded steel helix.

**Cover:** chemical and weather resistant EPDM, black, fabric impression.

**Temperature range:** - 40 °C to + 150 °C.

**Electrical properties:** built-in conductive wire,  $R \leq 10^2 \Omega/\text{lg}$  and conductive cover.

**Standard/Approval:** EN 12115.

### Couplings/Fittings

Specially designed fittings are available, please contact us for further information in order to get optimum connections.

ID mm	Wall thickness mm	OD mm	Working pressure bar	Bursting pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Notes	
<b>19.0</b>	± 0.5	6.0	31.0	± 1.0	16	64	0.9	200	0.69	<b>20 - 40</b>
<b>25.0</b>	± 0.5	6.0	37.0	± 1.0	16	64	0.9	225	0.84	<b>20 - 40</b>
<b>32.0</b>	± 0.5	6.0	44.0	± 1.0	16	64	0.9	275	1.08	<b>20 - 40</b>
<b>38.0</b>	± 0.5	6.5	51.0	± 1.0	16	64	0.9	350	1.37	<b>20 - 40</b>
<b>50.0</b>	± 0.7	8.0	66.0	± 1.2	16	64	0.9	400	2.03	<b>20 - 40</b>
<b>63.0</b>	± 0.6	8.0	79.0	± 1.2	16	64	0.9	450	2.68	<b>20 - 40</b>
<b>75.0</b>	± 0.8	8.0	91.0	± 1.2	16	64	0.9	525	3.17	<b>20 - 40</b>

Length in orange = stock item. Length in black = non stock (consult us for minimum quantity of order).

Branding:



and embossed: TRELLEBORG - EN 12115:2011 - FEP - SD - ND - WP 16 BAR - - 40 °C/+ 150 °C -  $\Omega$  C/T - quarter/year - batch number - Made in France

Possible delivery in cut lengths, in multiple of 5 m with an extra cost of 20 €.