

CHEMIKLER FEP



CHEMICAL 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 £ 10² W/Ig 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.

CHEMIKLER FEP

13/05/2011

| ID mm | Wall thickness mm | OD mm | Working pressure bar | Bursting pressure bar | Max. vacuum bar | Bending radius mm | Weight kg/m | Length m | Article number | Stock (■) or min. order m |
|-------|-------------------|-------------|----------------------|-----------------------|-----------------|-------------------|-------------|----------|----------------|---------------------------|
| 19 | ± 0.5 | 31.0 ± 1.0 | 16.0 | 64 | 0.9 | 200 | 0.69 | 20 | 0060219 | n |
| | | | | | | | | 40 | 0060220 | n |
| 25 | ± 0.5 | 37.0 ± 1.0 | 16.0 | 64 | 0.9 | 225 | 0.84 | 20 | 0060221 | n |
| | | | | | | | | 40 | 0060222 | n |
| 32 | ± 0.5 | 44.0 ± 1.0 | 16.0 | 64 | 0.9 | 275 | 1.08 | 20 | 0060223 | n |
| | | | | | | | | 40 | 0060224 | n |
| 38 | ± 0.5 | 51.0 ± 1.0 | 16.0 | 64 | 0.9 | 350 | 1.37 | 20 | 0060225 | n |
| | | | | | | | | 40 | 0060226 | n |
| 50 | ± 0.7 | 66.0 ± 1.2 | 16.0 | 64 | 0.9 | 400 | 2.03 | 20 | 0060227 | n |
| | | | | | | | | 40 | 0060228 | n |
| 63 | ± 0.6 | 79.0 ± 1.2 | 16.0 | 64 | 0.9 | 450 | 2.68 | 20 | 5513002 | n |
| | | | | | | | | 40 | 5513003 | n |
| 75 | ± 0.8 | 91.0 ± 1.2 | 16.0 | 64 | 0.9 | 525 | 3.17 | 20 | 0060236 | n |
| | | | | | | | | 40 | 0060237 | n |
| 100 | ± 0.8 | 116.0 ± 1.6 | 16.0 | 64 | 0.9 | 675 | 4.5 | 20 | 5513005 | n |
| | | | | | | | | 40 | 5513006 | n |

Branding



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



Trelleborg Industrie SAS - ZI La Combaude - Rue de Chantemerle - 63050 Clermont-Ferrand Cedex 2 - France
www.trelleborg.com/industrialhose