

FLEXICHEM MOBIL

Chemical Hose



Application:

- ⑤ Flexichem Mobil has been specially developed for use in tankers used to transport chemicals.
- ⑤ Suitable for the transport of acids, alkalis, salts, organic compounds (alcohols, esters, ketones, etc.) incl. aromatic substances, chlorinated hydrocarbons and oxidising acids (see our chemical resistance list).

Feature:

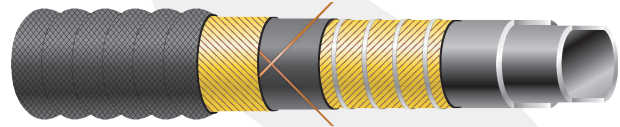
- ⑤ The UPE tube has an extremely low friction coefficient and good abrasion resistance.
- ⑤ Very robust but also extremely flexible, due to special spiral design.

Standard/approval:

- ⑤ EN 12115:2011, TRbF 131/2:1992.

Notice:

- ⑤ Further development of the UPEL Mobil hose. Due to the elongation of the special spiral design, we recommend a maximum pressure of 6 bar, as is normal for filling operations.
- ⑤ ATTENTION: The temperature of the medium must be lower than its boiling point.
- ⑤ ATTENTION: Please refer to the Semperit resistance list or, in case of doubt, contact Semperit.
- ⑤ ATTENTION: Continuous use at the peak values reduces the service life.
- ⑤ ATTENTION: To ensure the assembly is leakproof, it must be tested according to EN 12115:2011.



Temperature range: Tube, depending on the discharge medium up to +100°C, hose, flexible down to -35°C. Steam cleaning, without pressure, up to 130°C / max. 30 min.

Safety factor: 4 : 1

Tube: UPE, black, smooth, electrically conductive.

Reinforcement: Textile wrapped, 2 crossed copper wires, zinc plated steel wire helix.

Cover: EPDM, black, corrugated, electrically conductive, abrasion resistant, weather resistant, cloth impregnation.

Marking: Continuous transfer tape, blue/white: "SEMPERIT S Chemie FLEXICHEM Mobil PN 10 bar", and continuous embossed labelling: "SEMPERIT S EN 12115 FLEXICHEM SD (DN) PN 10 bar Ω / T quarter/year TRbF 131/2".

Vacuum resistance to -0.9 bar

Article number	Internal-∅ in		Wall width in mm	External-∅ in mm	Work. pressure (max.) bar	Number of inserts	Bending radius (min.) in mm	Weight approx. kg/m	Coil length (max.) m
	mm	inches							
56375 5075	50,0		8,0	66,0	10	2	150	2,20	40
56375 7580	75,0		8,0	91,0	10	2	200	3,10	40
56375 0080	100,0		8,0	116,0	10	2	350	3,90	40

Please note: General information about our range of products can be found in the appendix to this catalogue. Before using with new or untested media, or before using in applications that are not covered in the product information, written advice must first be obtained from a specialist dealer or a Semperit application engineer. All products must be inspected regularly for operational safety. For safety reasons, hoses must be replaced in the event of damage, especially if the cover is damaged. All products must be stored and maintained according to our storage, care and maintenance instructions, and according to DIN 7716:1982. We are constantly developing and improving our products for our customers. For the latest product information, please visit our website www.semperflex.com regularly or contact one of our specialist dealers or Semperit application engineers. Contracts are agreed according to our general terms and conditions. Subject to change without notice.

Important notice: This catalogue has been prepared with the greatest care in order to provide you with all the information you need. The information contained herein incorporates the latest state-of-the-art technology, and is the result of trials and tests carried out over many years, or conforms to the resistance requirements of the media listed as set out in ISO TR 7620:2005(E). The individual conditions of use affect the use of each product. They therefore only ensure the safety that can be expected assuming that the specifications in our written product information, the specifications regarding resistance to chemicals and our cleaning procedures are all complied with. We cannot guarantee this level of safety in the event of improper handling, e.g. squashing, rupturing, stretching or filling with media that are not permitted. Unless specified otherwise, all hoses are manufactured to EN ISO 1307:2006.