

FLEXICHEM-UPEL

SEMPERIT (S) FLEXICHEM- UPEL SD

Chemical - UPEL - 16 bar - S&D - EN12115

Application:

Flexichem, the highly flexible chemical protection hose with a black, conductive UPE liner.

Suitable for the transport of acids, alkalis, salts, organic compounds (alcohols, esters, ketones, etc.) incl. aromatic substances, chlorinated hydrocarbons and oxidising acids (cf. our chemical resistance list).

Feature:

The UPE tube has an extremely low friction coefficient and good abrasion resistance.

Standard/approval:

EN 12115:2011, TRbF 131/2:1992.

Notice:

ATTENTION: The temperature of the medium must be lower than its boiling point.

ATTENTION: Please refer to the Semperit resistance list or, in case of doubt, contact Semperit.

ATTENTION: Continuous use at the peak values reduces the service life.

ATTENTION: To ensure the assembly is leakproof, it must be tested according to EN 12115:2011.

Temperature range:

Tube depending on the flow 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, electrically conductive, smooth.

Reinforcement:

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

Cover:

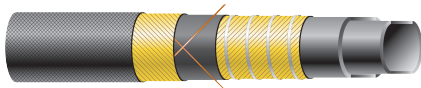
EPDM, black, resistant to ozone and weather, abrasion resistant, electrically conductive, cloth impression.

Marking:

continuous mylartape, white letters, blue tape:

"SEMPERIT (S) FLEXICHEM CHEMIE UPEL",
as well as continuous embossed tape:

"SEMPERIT (S) EN 12115 FLEXICHEM SD (DN). PN .. bar Ω / T quarter/year TRbF 131/2".



Article number	Internal-Ø in		Wall width in mm	External-Ø in mm	Work. pressure (max.) bar	Number of inserts	Bending radius (min.) in mm	Weight approx. kg/m	Coil length (max.) m
	mm	inch							
48374 1960	19,0	3/4	6,0	31,0	16	2	125	0,70	40
48374 2560	25,0	1	6,0	37,0	16	2	150	0,85	40
48374 3260	32,0	1 1/4	6,0	44,0	16	2	175	1,05	40
48374 3865	38,0	1 1/2	6,5	51,0	16	2	225	1,20	40
48374 5080	50,0		8,0	66,0	16	4	275	1,60	40
56374 6380	63,0	2 1/2	8,0	79,0	16	4	300	2,40	40
56374 7580	75,0		8,0	91,0	16	4	350	2,60	40
56374 0080	100,0		8,0	116,0	10	4	450	4,00	40

Vacuum resistance to -0.9 bar

Please note: Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. In order to always have the latest product and safety information make sure you visit our website (www.semperflex.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions (available at www.semperitgroup.com). Additional important general information about the range, choice and safe use of our products can be found at our website (www.semperflex.com) and must be followed without exception.

Important notice: Our catalogue and any individual datasheet have been prepared with great care in order to provide you with all the information you need. The information contained therein is based on the latest state-of-the-art industrial technology and many years of experience and testing; whenever indicated for a certain product, we also confirm conformity with the resistance requirements of the media listed in ISO TR 7620:2005(E). However, the individual conditions of storage, maintenance and use decisively affect the safe and durable use of each product. The quality and safety of our products as indicated in the catalogue or individual datasheets are therefore strictly subject to the continuous observance of all specifications and restrictions in our written product information and applicable laws and standards, the specifications regarding resistance to chemicals and our cleaning procedures. We reject any liability for safety issues or other consequences due to improper product choice, maintenance or handling (e.g. squashing, rupturing, stretching or filling with non-approved media). Our products must not be used in airplanes or other aerial vehicles under any circumstance. Unless specified otherwise, all hoses are manufactured according to EN ISO 1307:2008.