SEMPERIT

FS 3310

SIGMA® Feed System





Application:

- A suction and delivery hose for the hydraulic transport of abrasive materials, such as gypsum, ash, bauxite, corundum, dolomite, ores, feldspar, waste glass, wood chips, industrial waste, coal, metal dust, etc.

Feature:

- The entire feed system is very easy to assemble due to a specially designed coupling system.
- Modular construction allows for an extremely flexible hose.
- External, segmented coupling system allows easy replacement of hose. Couplings can normally be reused.

Notice:

- The SIGMA® feed system is a complete line system that contains all the necessary fittings (flanges, clamps, gaskets, reducers, elbow fittings, branches, adaptors, shut-off valves, etc.).
- ATTENTION: Please refer to the Semperit resistance list or, in case of doubt, contact Semperit.
- ATTENTION: Please see the special handling and storage guidelines for our SIGMA® system.

Temperature range: -35°C / +70°C.

Safety factor: 3,2 : 1

Tube: NR, light tone, wear resistant and elastic, electrically isolating.

Reinforcement: Textile wrapped, zinc plated steel wire helix.

Cover: CR, black, corrugated, electrically conductive, resistant to abrasion, oil, weather and sea water, cloth impression.

Marking: Continuous transfer tape, red: "SEMPERIT S Sigma® FS 3310".

Vacuum resistance up to 152mm ID -0.9 bar; up to 457mm ID -0.5 bar

Article number	Internal-Ø in		Wall width	External-Ø	Work. pressure	Number of	Bending radius	Weight	Coil length
	mm	inches	in mm	in mm	(max.) bar	inserts	(min.) in mm	approx. kg/m	(max.) m
56573 5140	51,0	2	12,0	75,0	10	2	300	3,0	40
56573 7640	76,0	3	19,0	114,0	10	2	350	7,0	40
56573 0040	102,0	4	15,5	133,0	10	2	500	8,0	40
56573 1202	127,0	5	17,5	162,0	10	4	650	12,0	20
56573 1502	152,0	6	18,0	188,0	10	4	750	14,0	20
56573 2012	203,0	8	19,0	241,0	10	4	1750	18,0	12
56573 2512	254,0	10	19,0	292,0	10	4	2000	22,0	12
56573 3012	305,0	12	21,5	348,0	10	6	2500	28,0	12
56573 3512	355,0	14	27,0	409,0	10	8	3000	37,0	12
56573 4012	405,0	16	26,5	458,0	10	8	3500	47,0	11
56573 4512	457,0	18	27,5	512,0	10	10	4500	55,0	12

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.

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