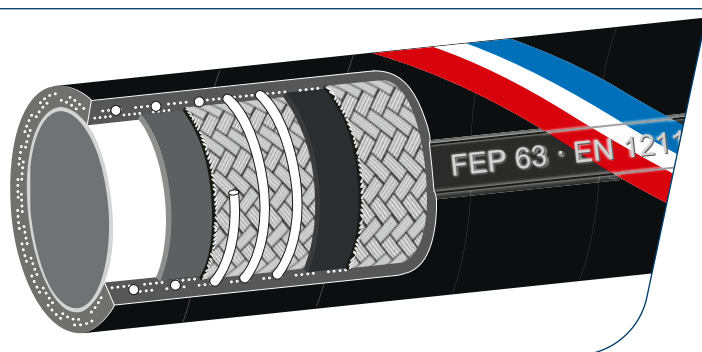




ELAFLON PLUS FEP

With helix

Applications:

As suction and discharge hose for containers, rail tankers, tankers and fixed installations. The steel helix ensures that the hose keeps in shape during suction and gravity operations, even with tight bending radii.

Flow medium:

Chemicals

Marking:

Blue-white-red coloured spiral and abrasion resistant continuous embossing

Description:

- **Inner lining:** FEP, seamless, transparent, smooth bore, electrically non-conductive
- **Reinforcements:** Textile braids, form SD additionally with galvanised steel helix
- **Cover:** EPDM, electrically conductive, light grey with OHM conductive stripe (up to DN 50) or black (DN 63 – 100). Abrasion and flame resistant, resistant against weather and ageing
- **Working pressure up to:** 16 bar
- **Temperature range:** - 30° C up to + 100° C, briefly up to 130° C
- **Further properties:**
 - This high performance hose combines added flexibility and robustness of an elastomer hose with the chemical resistance associated with a Fluoropolymer hose lining
 - The lining of ELAFLON PLUS FEP is resistant to all mediums except e. g. chlorine trifluoride, oxygen difluoride and molten alkali metals. Limited chemical resistance (20° C) chlorine and fluorine gas
 - The very smooth FEP lining prevents the settling of residues and allows easy cleaning – an advantage with frequent medium changes
 - Meets EN 12115

Technica data:

INDEX							
nr	mm	mm	bar ¹	bar ¹	bar ¹	aprx. mm	aprx. kg/m
FEP 19	19	31	16	25	0,9	80	0,7
FEP 25	25	37	16	25	0,9	100	1,0
FEP 32	35	44	16	25	0,9	125	1,1
FEP 38	38	51	16	25	0,9	150	1,5
FEP 50	50	66	16	25	0,9	200	2,3
FEP 63	63	79	16	25	0,9	250	2,7
FEP 75	75	91	16	25	0,9	300	3,1
FEP 100	100	116	16	25	0,8	400	4,6

1 - Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability.