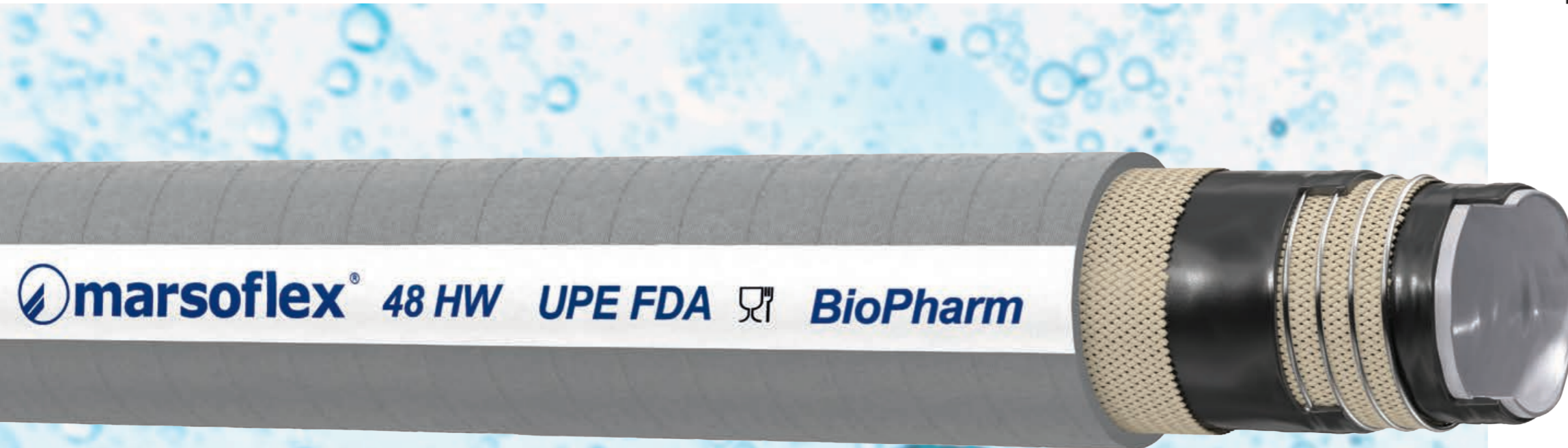


## Pharmaceutical and chemical hose, type 48 HW BioPharm



marsoflex® pharmaceutical and chemical hoses, type 48 HW are ideally suitable for conveying pure liquids or powders. Thanks to their structure, these types of hoses can be used for any purposes in the pharmaceuticals and food industries.

Hoses of type 48 HW are suitable for suction and pressure operations for conveying of approx. 90% of all medium types used in pharmaceutical chemistry and biochemistry. For example: aqueous solutions, CIP media, acids, lye, oils, and greases, as well as organic compounds. Not suitable for flammable bulk goods.

Der marsoflex® pharmaceutical and chemical hoses, type 48HW comply with EN 12115.

**Hose tube:** UPE, white, smooth, FDA-compliant  
**Hose reinforcements:** High-strength textile braids, kink-resistant steel wire spirals  
**Hose cover:** NBR, grey, fabric pattern. Resistant to oil, ozone, and weather influences.

**Electrical resistance:** Cover < 10<sup>9</sup> Ω, intermediate layers R < 10<sup>6</sup> Ω, tube is insulating  
**Temperature range:** -40°C to +100°C, temporarily up to 130°C (saturated steam)

**Note:** It is possible to clean the hose in depressurized condition using steam at a maximum temperature of 130°C for about 30 minutes.

**Reel length:** 40 meters (up to an inner diameter of 3"/ 75 mm)

**Marking:** marsoflex® pharmaceutical and chemical hoses, type 48HW are marked in accordance with EN 12155; and in addition, with a batch number. Thus traceability is guaranteed at all times.

Test documentation for hose lines assembled in accordance with EN 10204 as well as classification in accordance with the Pressure Equipment Directive (97/23 EC) are included in the scope of delivery. marsoflex® pharmaceutical and chemical hoses, type 48HW can be equipped with user-specific fittings and couplings.

Technical specifications are subject to change without notice.

Order number	ND Inner-Ø mm / inch		Working pressure* bar	Vacuum* bar	Burst pressure* bar	Test pressure* bar	Bending radius* = mm
48 HW 019	19	3/4"	16	0,9	≥ 64 (40)	24 (15)	125
48 HW 025	25	1"	16	0,9	≥ 64 (40)	24 (15)	150
48 HW 032	32	1 1/4"	16	0,9	≥ 64 (40)	24 (15)	175
48 HW 038	38	1 1/2"	16	0,9	≥ 64 (40)	24 (15)	225
48 HW 050	50	2"	16	0,9	≥ 64 (40)	24 (15)	275
48 HW 065	63	2 1/2"	16	0,9	≥ 64 (40)	24 (15)	320
48 HW 075	75	3"	16	0,9	≥ 64 (40)	24 (15)	350

