

# Type 48 HW BioPharm

Universal elastomer hose with a conductive, highly pure UPE tube



Ideal for conveying liquids or powder.



Order number	ID [mm]	OD [mm]	Operating pressure [bar]	Bursting pressure [bar]	Bend radius [mm]
48HW019	19	30-32	16	64	125
48HW025	25	36-38	16	64	150
48HW032	32	43-45	16	64	175
48HW038	38	50-52	16	64	225
48HW050	50	65-67	16	64	275
48HW065	63	78-80	16	64	320
48HW075	75	90-92	16	64	350

The above stated values refer to the ambient temperature (20 °C); we recommend reducing the operating pressure by 20% for each temperature increase of 100 °C.

Other nominal diameters on request

Your notes

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Product name	marsoflex® type 48 HW BioPharm
Description	The marsoflex® pharmaceutical and chemical hose type 48 HW BioPharm is a universally usable elastomer hose with a seamless inner layer made of white UPE with a black UPE guiding strip. It can be used as a suction and pressure hose up to 16 bar.
properties	<ul style="list-style-type: none"> <li>Compliant with DIN EN 12115:2011</li> <li>Tube complies with the FDA guidelines FDA 21 CFR 177.1520</li> <li>Excellent bending properties</li> <li>Non-fading hose cover</li> <li>Hose cover resistant against oil, ageing, weather and ozone influences</li> <li>Excellent chemical resistance</li> </ul>
Hose tube	UPE, white, smooth, seamlessly integrated black guiding strip ( $R < 10^6 \Omega$ ), FDA compliant
Reinforcement	High-strength textile braids, kink-resistant and dimensionally stable steel wire spirals
Hose cover	NBR, grey, fabric pattern, electrically conductive ( $R < 10^6 \Omega$ )
Electrical properties	Type $\Omega/T$ Resistance $R < 10^9 \Omega$
Temperature range	-40 °C to +100 °C
Hose cleaning	CIP process and short-term saturated steam up to 130 °C
Hose resistance	Suitable for almost all media and acids, lyes, oils, fats, alcohols and organic compounds. For more information, please use the marsoflex® resistance list