
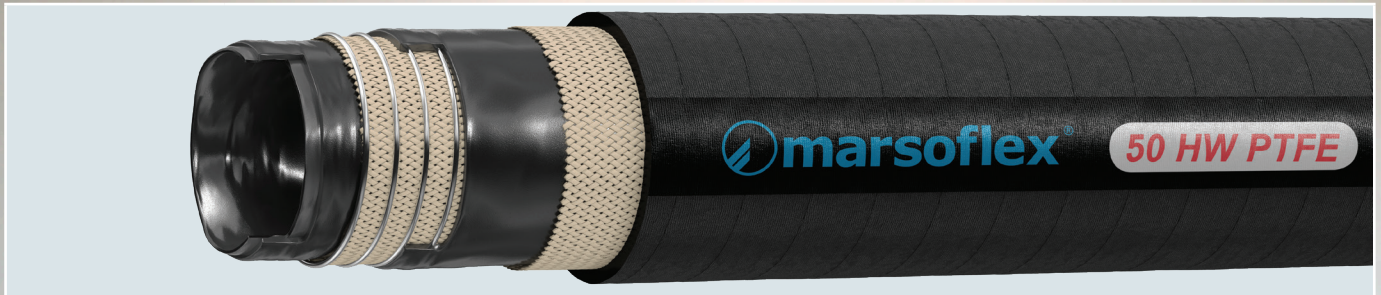




# Technical data sheet

 **marsoflex®** - universal chemical hose type 50HW PTFE



The  **marsoflex®** universal chemical hose type 50HW PTFE is a universally usable elastomer hose with a seamless, conductive inner layer made of black PTFE. Suitable for use in chemical, pharmaceutical and food industries.

## Technical specification


Tube	PTFE, black, smooth
Reinforcement	Synthetic textile reinforcements, galvanised steel wire spirals
Cover	EPDM, black, smooth, fabric pattern, resistant to abrasion, ageing and ozone
Electrical properties	Tube: $R < 10^6 \Omega$ Cover: $R < 10^9 \Omega$ Through hose wall: $R < 10^9 \Omega$ ( $\Omega/T$ per DIN EN 12115:2011)
Temperature range	From $-40^\circ\text{C}$ to $+150^\circ\text{C}$ depending on medium and concentration.
Cleaning	With steam at $+150^\circ\text{C}$
Resistance	Suitable for almost all media such as acids, lyes, oils, greases, alcohols and organic compounds. For more informations please use the  <b>marsoflex®</b> chemical resistance guide.
Properties	<ul style="list-style-type: none"> <li>• PTFE anti-adhesion properties</li> <li>• FDA compliance</li> <li>• Can be used in EX zones 0 and 1</li> <li>• Complies with DIN EN 12115:2011</li> </ul>

Any changes according to the respective state of the art without notice shall remain reserved. This document may and shall only provide non-binding advice. Due to the versatility of the installation and operating conditions as well as application and process technology, this technical datasheet can only be considered to be a non-binding guideline and does not release the buyer from their obligation to inspect the product delivered by us for its suitability for the intended processes and purposes. Therefore, a warranty claim cannot be derived on the basis of this datasheet. As a matter of course, we guarantee the perfect quality of our products according to our general conditions of sale and delivery.



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## Dimensions

ID [mm]	AD [mm]	Bending radius [mm]	Max. working pressure [bar] @ 20 °C	Max. vacuum [bar] @ 20 °C	Min. bursting pressure [bar] @ 20 °C	Art.-No.
13	25	90	16	-0,9	64	50HW013
19	31	130	16	-0,9	64	50HW019
25	37	170	16	-0,9	64	50HW025
32	44	215	16	-0,9	64	50HW032
38	51	255	16	-0,9	64	50HW038
50	66	330	16	-0,9	64	50HW050
63	79	430	16	-0,9	64	50HW065
75	91	510	16	-0,9	64	50HW075

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