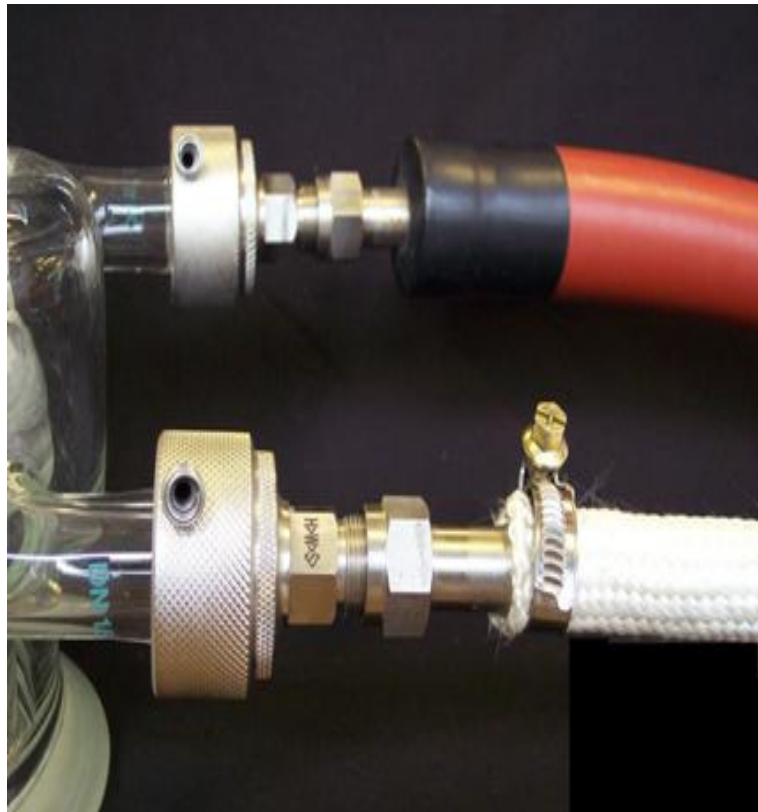


HWS - metal corrugated hose

in stainless steel
with silicone foam hose
insulator



H › W › S › metal corrugated hose

HWS - metal corrugated hose

The HWS-metal corrugated hose enables flexible connections e.g.

- between tempering unit (thermostat) and reaction vessels with heating mantle
- between tempering unit and circulator
- between dosage and temperature control for reactors
- in distillation constructions

The HWS-metal corrugated hose features following advantages:

- high isolating facility,
- temperature-resistant until 300 °C
- outside temperature maximum 60 °C (protection against contact)
- vacuum- and diffusion resistant
- medium-leading guidance in stainless steel
- allowable operating pressure until 12 bar



The HWS-metal hose can consist of following components:

metal corrugated hose in s/s 1.4404
isolating mantle in glass silk, with or optional without silicone foam mantle.

The insulator is clamped and sealed on both sides by a heat shrink tube.

The metal corrugated hose mantled by glass silk has a better flexibility compared to ones with additional silicone mantle, however their energy isolation are not as efficient as double isolated ones.

Technical data:

- * metal corrugated hose in s/s W.St. 1.4404
- * isolating package can consist of:
 - glass silk mantle
 - silicone foam mantle
- * temperature-resistant until 300 °C
- * protection against contact
- * connection via coupling nut in s/s
- * operating pressure until 12 bar
- * external diameter 40 mm
- * deliverable in several lengths

The connection of the hose results each with coupling nuts in s/s with screw thread M16x1/ M24x1 M30x1.5

The installation is easy and problem-free. The hose is easy to bend and available in different standard lengths. Straight or bend connecting elements perform individual conduit.

A comprehensive assortment of connection adapters for all current glass flanges (even with integrated PT100-sensors), quick coupling and seals are on stock respectively deliverable in a short time.

lengths:	glass silk:	silk /silicone:
500 mm	1298205	1 298 005
1000 mm	1298210	1 298 010
1500 mm	1298215	1 298 015
2000 mm	1298220	1 298 020
3000 mm	1298230	1 298 030