

Operating and maintenance instructions for
**Pipe drilling saddle Hawlinger mit PE-fusion end
for welding fittings +GF+type ELGEF® Plus,
Order No. 2290, 2291, 2292, 2293, 2294, 2295**



1. Intended use

Hawlinger pipe drilling saddles are used for installation in +GF+ ELGEF® Plus welding fittings in potable water supply systems up to 16 bar, and in the gas sector up to 4 bar. Due to the change in rubber qualities for the potable water sector required by the DVGW, as per worksheet W270 on „Compliance“, water and gas gaskets were separated. For differentiation purposes, the spindle is marked with a blue ring with the inscription „water“, or yellow with the inscription „gas“.

Potable water supply:

„Hawlinger“ for the potable water sector are delivered with gaskets for potable water, which may be used up to a maximum operating pressure of 16 bar.

IMPORTANT: „Hawlinger“ with potable water gaskets must not be used in the gas sector, as there is no guarantee of sufficient gas resistance!

Gas sector:

„Hawlinger“ for gas are delivered with gas-proof rubber gaskets. They can be employed up to a maximum operating pressure of 4 bar.

Please observe all valid standards and regulations, accident prevention regulations and the regulations of trade associations. According to DVGW regulations, valves must be installed „free of tension“. Installation should only be undertaken by appropriately qualified personnel.

Please pay particular attention to DVGW worksheet W 333 on drilling water pipelines and the regulations that apply when handling gas valves and gas pipelines. When drilling gas pipelines, care must be taken to ensure that the escaping volume of gas is discharged without risk (according to DVGW worksheet G 465-2 and G 459-1, as well as the German Trade Association accident prevention regulation „Working on gas pipelines“, VBG 50)!

2. Product Description

„Hawlinger“ pipe drilling saddles with PE fusion ends are designed for welding into +GF+ electrofusion welding fittings. The fusion end of the „Hawlinger“ is manufactured from PE.

3. Installation

Prior to welding, the PE fusion end must be prepared with a suitable rotary peeler in accordance with guideline DVS 2207 of the German Welding Society, and then thoroughly cleansed with PE cleaner. Installation may only be carried out by appropriately trained personnel (see DVGW GW 330). The DVGW regulations for welding plastic must be complied with!

Important: The position of the Hawlinger must be adjusted accordingly before welding.

4. Commissioning and pressure test

After installation, please conduct a pressure test in an open pipe trench as described in the DVGW Code of Practice. Open the „Hawlinger“, fill the pipe and conduct a pressure test with the trench unfilled.



Example: „Hawlinger“ with PE fusion end and ZAK or internal thread outlet

If you have any other questions or if you need more information please contact:

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