

SVGW

Association
for water, gas and district heating
Grütlistrasse 44
CH- 8027 Zürich

Certification body water



Certificate No.: 9612-K172

Certificate holder: Hawle Armaturen AG
Hawlestrasse 1, CH-8370 Sirnach

In accordance with our regulation ZW101 „general terms and conditions of the SVGW certification body water“ the SVGW certify the following serial products:

Rubric: Compression fittings for PE pipes (laid in the ground)
Denomination: Hawle plug fittings made of cast
Types: Hawle plug fittings:
6100, 6110, 6200, 6210, 6300, 6310, 6340, 6370, 6383, 6400, 6410, 6430, 6480,
6490, 6500, 6510 and 6530.

Hawle plug fittings with ZAK46:
6160, 6161, 6162, 6180, 6190, 6301, 6302, 6303, 6381, 6450, 6451, 6511, 6512
and 6514

**) see minimum nominal diameter on second certificate page

DN: **) ...75 PN: 10/12.5/16 tmax: 25 °C

Certification Standard: SVGW ZW157 (01/19), DIN 8076 (2013)

Validity: 30.11.2029

Conditions (C) / Remarks (R):

(C) According to the SVGW regulation ZGW101, buried pipelines must have a minimum wall thickness of 2.9 mm for the pipes and 3.0 mm for the fittings.

The applicant is entitled to offer the above mentioned products as certified by the SVGW and to use the above SVGW-conformity mark (publication in the list of certificates water).



accredited according to
SN EN ISO/IEC 17065

SVGW Association for water, gas and district heating
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Javier Fernandez
Head

Zurich, 14.03.2025

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Rubric: Compression fittings for PE pipes (laid in the ground)

Denomination: Hawle plug fittings made of cast

Types	DN	PN	C°	Acoustic group	Losses kWh/24 h / ErP Class	Content	Index	Metrology
Plug fittings made of cast								
Plug fitting, 6100, w. MT	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting, 6110, w. MT reduced	**) ... 75	10/12.5/16	25	-	-	-	9	-
Plug fitting, 6200, w. FT	**) ... 75	10/12.5/16	25	-	-	-	9	-
Plug fitting, 6210, w. FT reduced	**) ... 50	10/12.5/16	25	-	-	-	9	-
Pipe connector, 6300	**) ... 75	10/12.5/16	25	-	-	-	9	-
Pipe coupling, reduced, 6310	**) ... 75	10/12.5/16	25	-	-	-	9	-
Pipe coupling, can be looped, 6340	**) ... 63	10/12.5/16	25	-	-	-	9	-
Adapter casting/PE, 6370	**) ... 63	10/12.5/16	25	-	-	-	9	-
Adapter ZAK, 6383	50	10/12.5/16	25	-	-	-	9	-
Plug fitting 90°, 6400	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting 90°, 6410, w. MT	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting 90°, 6430, w. MT	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting 45°, 6480	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting 45°, 6490, w. MT	50	10/12.5/16	25	-	-	-	9	-
Plug fitting T-piece, 6500, w. FT	**) ... 75	10/12.5/16	25	-	-	-	9	-
Plug fitting T-piece, 6510	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting T-piece, can be looped, 6530, w. FT	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fittings with ZAK 46 connection							9	
Plug fitting, 6160	**) ... 63	10/12.5/16	25	-	-	-	9	-
Looped piece, 6161	**) ... 63	10/12.5/16	25	-	-	-	9	-
Adapter ZAK/Hawle-Synoflex, 6162	50 ... 63	10/12.5/16	25	-	-	-	9	-
Weld-on PE end, 6180	**) ... 63	10/12.5/16	25	-	-	-	9	-
PE weld-on end 90°, 6190	**) .. 63	10/12.5/16	25	-	-	-	9	-
Sleeve, 6301	**) ... 63	10/12.5/16	25	-	-	-	9	-
Spigot-end adapter rotating, 6302	**) ... 63	10/12.5/16	25	-	-	-	9	-
Spigot-end/sleeve coupling rotating, 6303	**) ... 63	10/12.5/16	25	-	-	-	9	-
Adapter, 6381, with FT	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting 90°, 6450	**) ... 63	10/12.5/16	25	-	-	-	9	-
Plug fitting 90°, 6451	**) ... 63	10/12.5/16	25	-	-	-	9	-
T-piece, 6511	**) ... 63	10/12.5/16	25	-	-	-	9	-
T-piece with spigo + ZAK, 6512	**) ... 63	10/12.5/16	25	-	-	-	9	-
Cross, 6514	**) ... 63	10/12.5/16	25	-	-	-	9	-
**) Certified for pipes:								
PE 80 of the pipe series S 5 (SDR 11, PN 12.5) from d 32								
PE 80 of the pipe series S 3.2 (SDR 7.4, PN 16) from d 20								
PE 100 of the pipe series S 8 (SDR 17, PN 10) from d 50								
PE 100 of the pipe series S 5 (SDR 11, PN 16) from d 32								
PE-Xa of the pipe series (SDR 11, PN 10) from d 32								