9090W16 - 90° Elbow 16x2

Product Data Sheet 2026/11/22



The Greenskin Synthetic Press fittings for multilayer pipe.

- A range of synthetic fittings from 16 to 63 mm.
- Greenskin press fittings are compatible with TH, H and U profiles.
- Immediate verification of crimping with the Visu-Control ring.
- Low pressure loss across the fittings.

Advantages

Performance

- Press connections can be done in seven seconds and this type of connection avoids the risks associated with welding.
- Greenskin press fittings are compatible with TH, H and U profiles, and therefore with different tool brands.
- Improved hydraulics with a reduction of pressure losses of 7% on average compared to former synthetic fittings.

Safety

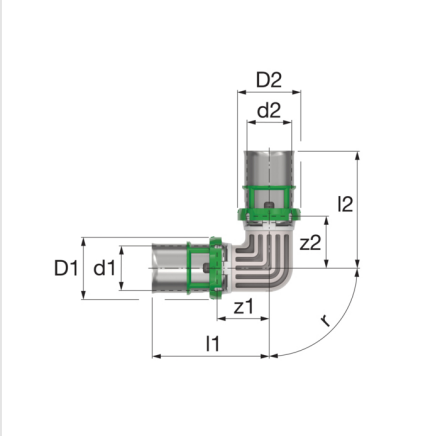
- Removable Visu-Control® ring, allowing visual and tactile control of a crimp.
- The "not crimped, not sealed" technology: if not crimped, the fitting allows water to pass during the pressure test.
- Protective cap to prevent impurities from penetrating.

Technical Specifications

Greenskin system is designed for the following applications:

- Sanitary water: +5 °C to +95 °C (operating temperature) and 10 bar (maximum operating pressure).
- Heating and cooling: -10 °C to +95 °C (operating temperature) and 10 bar (maximum operating pressure).
- Rainwater: -10 °C to +95 °C (operating temperature) and 10 bar (maximum operating pressure).

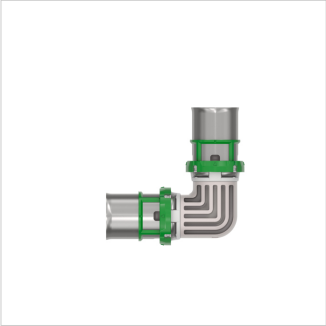
Description	90° Elbow 16x2
Order Code	9090W16
GTIN	3430650464377
Model	9090W - Elbow 90°
Dimensions	16x2



© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.

Dimensions 9090W - Elbow 90°

Type	Dimensions								
	d1 [mm]	d2 [mm]	D1 [mm]	D2 [mm]	z1 [mm]	z2 [mm]	l1 [mm]	l2 [mm]	r [°]
90° Elbow 16x2	16	16	23	23	18	18	42	42	90
90° Elbow 20x2	20	20	27	27	20	20	44	44	90
90° Elbow 26x3	26	26	33	33	23	23	48	48	90
90° Elbow 32x3	32	32	39	39	27	27	56	56	90
90° Elbow 40x3,5	40	40	48	48	32	32	70	70	90
90° Elbow 50x4	50	50	58	58	37	37	76	76	90
90° Elbow 63x4,5	63	63	71	71	44	44	105	105	90



© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.

Classification General Data

Etim Group	Fittings, flanges and connectors
Etim Class	Fitting with 2 connections
Product Name	None
Brand	Comap
Product Type	Greenskin Synthetic Press
Order Code	9090W16
GTIN	3430650464377

Attributes

Material connection 1	Other
Material quality connection 1	Other
Surface protection connection 1	Untreated
Surface treatment connection 1	Untreated
Material connection 2	Polyphenylsulfone (PPSU)
Material quality connection 2	Other
Surface protection connection 2	Untreated
Surface treatment connection 2	Untreated
Shape	Bend
Model	1-part
Bend angle	90 °
Bend radius	1.571 mm
Reducing	No
Eccentric	No
System specific	Yes
Nominal diameter connection 1	DN 12
Outer pipe diameter connection 1	16 mm
Wall thickness, connection 1	2 mm
Wall thickness connecting pipe, connection 1	2 mm
Connection 1	Press sleeve
Contour code connection 1	TH/U
Nominal diameter connection 2	DN 12
Outer pipe diameter connection 2	16 mm
Wall thickness, connection 2	2 mm
Wall thickness connecting pipe, connection 2	2 mm
Connection 2	Press sleeve
Contour code connection 2	TH/U
Main colour fitting	White
Flange compression class (ANSI)	Other
Flange compression class (PN)	Other
Flange compression class (JIS)	Other
Flange compression class (BS)	Other
Material sealing	Ethylene-propylene diene monomer rubber (EPDM)
With buffer stud	Yes
Zeta value	1.73
High tensile strength	No
Length	84 mm
Length of connection 1	42 mm
Working length connection 1	18 mm
Length of connection 2	42 mm
Working length connection 2	18 mm
Wrench width	0 mm
Wrench width union nut	0 mm
Tightening torque	20 - 20 Nm
Medium temperature (continuous)	0 - 110 °C

© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.

Max. operating pressure at 20 °C	10 bar
Max. operating pressure at max. medium temperature	10 bar
With thermal insulation	No
Ring stiffness class	Other
Standard Dimension Ratio (SDR)	0
With sealing rings/gaskets	No
Capped	No
With connection indicator	No
With drain valve	No
With de-aerator	No
FM quality mark	No
LPCB quality mark	No
ULC quality mark	No
UL quality mark	No
DIN-CERTCO certificate	No
VdS quality mark	No
With approval for TÜV	No
DVGW quality mark for gas	Yes
DVGW quality mark for water	Yes
Certified according to NF 545	Yes
KIWA certified	Yes
Gastec QA mark	No
KOMO certified	Yes
Gastec QA - AR 214 (H2)	No
Type approval according to BBR/EKS	No
Flange standard	Other
Contour code	TH
Min. medium temperature (continuous)	0 °C
Max. medium temperature (continuous)	70 °C
Gastec QA	Yes
KIWA certified	Yes
VdS quality mark	No
DVGW quality mark	Yes

© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.

Find more information online:

Installation and operating instructions
LCA (Life Cycle Assesment) MultiSkin Fittings
ACS certificate
DVGW certificate (DW-8501CT0524)
DVGW certificate (CW-8501CT0527)
KIWA certificate Fittings
NF certificate
WRAS certificate
PZH certificate
PHZ certificate MultiSkin2
PHZ certificate MultiSkin4
MultiSkin ÉMI certificate HUN
Certificate MultiSkin RUS
FDES certificate FRA
KIWA K90957-08 MultiSkin 4 Piping System
KOMO K90961-08 certificate MultiSkin 4 Piping System
KIWA K110283-01 MultiSkin 2 Piping System
KOMO K110284-02 certificate MultiSkin 2 Piping System
Sintef Produktsertifikat Multiskin PPSU Press NOR
KIWA 2305708 KUKreg4
9041W/9090W RFA
9090W DWG
9090W STEP
Leaflet
LCA (Life Cycle Assesment) MultiSkin Fittings
Greenskin Multilayer press-fit system

Fort Blauwkapel 1
1358 DB, Almere - nl

T +31 20 210 34 97
E nl.info@aalberts-hfc.com
I comap.aalberts-hfc.com/nl

© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.