

AENOR

AENOR Product Certificate Plastics



001/005758

AENOR certifies that the organization

AQUATECHNIK GROUP, S.P.A.

registered office VIA BONSIGNORA, 53 21052 BUSTO ARSIZIO (Italia)

supplies Plastics piping system for hot and cold water installations. Polypropylene

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)
UNE-EN ISO 15874-5:2013 (EN ISO 15874-5:2013)

System Description Trademark: FUSIO-TECHNIK
Type of joint: Thermofusion / Metallic parts
Application class / Design pressure (bar): 1/10 ; 2/10 ; 4/10 ; 5/8

See annex for more information.

Production site VIA P.F. CALVI, 40 20020 MAGNAGO (Milan - Italia)

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.

This certificate supersedes 001/005758, dated 2018-01-30

First issued on 2012-04-11
Modified on 2021-10-14
Validity date 2023-01-30

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

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Annex to Certificate

System Description Trademark: FUSIO-TECHNIK
Type of joint: Thermofusion / Metallic parts
Application class / Design pressure (bar): 1/10 ; 2/10 ; 4/10 ; 5/8

SYSTEM COMPONENT	DIAMETERS (mm)	MATERIAL	REFERENCES
Pipes (AENOR Certificate N° 001/005743)	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	---
Cross	20 - 25 - 32 - 40	Polypropylene (PP-R)	643XX
Elbow 45°	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	635XX
Elbow 90°	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	631XX
End cap	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	650XX
Equal tee	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	641XX
Female elbow	20 - 25 - 32	Polypropylene (PP-R)	670XX
Male elbow	20 - 25 - 32	Polypropylene (PP-R)	675XX
Reduced tee	25x20x25 ; 25x20x20 ; 25x20x25 ; 32x25x25 ; 32x20x32 ; 32x25x32 ; 40x20x40 ; 40x25x40 ; 40x32x40 ; 50x20x50 ; 50x25x50 ; 50x32x50 ; 50x40x50 ; 63x20x63 ; 63x25x63 ; 63x32x63 ; 63x40x63 ; 63x50x63 ; 75x20x75 ; 75x25x75 ; 75x32x75 ; 75x40x75 ; 75x50x75 ; 75x63x75 ; 90x50x90 ; 90x63x90 ; 90x75x90 ; 110x63x110 ; 110x75x110 ; 110x90x110 ; 125x90x125 ; 125x110x125	Polypropylene (PP-R)	642XX
Reducer	25 x 20 ; 32x20 ; 40x20 ; 40x25 ; 40x32 ; 50x20 ; 50x25 ; 50x32 ; 50x40 ; 63x25 ; 63x32 ; 63x40 ; 63x50 ; 75x40 ; 75x50 ; 75x63 ; 90x50 ; 90x63 ; 90x75 ; 110x63 ; 110x75 ; 110x90 ; 125x75 ; 125x90 ; 125x110	Polypropylene (PP-R)	621XX
Socket	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	620XX
Straight female	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	660XX
Straight male	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	Polypropylene (PP-R)	662XX

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Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

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AENOR Product Certificate Plastics



001/006890

AENOR certifies that the organization

AQUATECHNIK GROUP, S.P.A.

registered office VIA BONSIGNORA, 53 21052 BUSTO ARSIZIO (Varese - Italia)

supplies Fittings for polypropylene (PP-R) pipes for hot and cold water installations

in compliance with SANS 15874-1:2004
SANS 15874-3:2004

Trademark FUSIO-TECHNIK

See annex for more information.

Production site VIA P.F. CALVI, 40 20020 MAGNAGO (Milan - Italia)

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.

This certificate supersedes 001/006890, dated 2018-12-19

First issued on 2018-12-19

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Validity date 2023-12-19

A handwritten signature in blue ink, appearing to read 'Rafael Garcia Meiro'.

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
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AENOR Product Certificate Plastics

001/006890

Annex to Certificate

TRADEMARK FUSIO-TECHNIK

FIGURE	DIAMETERS (mm)	APPLICATION CLASS / DESING PRESSURE (bar)	TYPE OF JOINT	OPACITY	MATERIAL	REFERENCE
Cross	20 - 25 - 32 - 40	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	643XX
Elbow 45°	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	635XX
Elbow 90°	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	631XX
End cap	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	650XX
Equal tee	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	641XX
Female elbow	20 - 25 - 32	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion / Metallic parts	NO	Polypropylene (PP-R)	670XX
Male elbow	20 - 25 - 32	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion / Metallic parts	NO	Polypropylene (PP-R)	675XX
Reduced tee	25x20x25 ; 25x20x20 ; 25x20x25 ; 32x25x25 ; 32x20x32 ; 32x25x32 ; 40x20x40 ; 40x25x40 ; 40x32x40 ; 50x20x50 ; 50x25x50 ; 50x32x50 ; 50x40x50 ; 63x20x63 ; 63x25x63 ; 63x32x63 ; 63x40x63 ; 63x50x63 ; 75x20x75 ; 75x25x75 ; 75x32x75 ; 75x40x75 ; 75x50x75 ; 75x63x75 ; 90x50x90 ; 90x63x90 ; 90x75x90 ; 110x63x110 ; 110x75x100 ; 110x90x110 ; 125x90x125 ; 125x110x124	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	642XX

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FIGURE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	TYPE OF JOINT	OPACITY	MATERIAL	REFERENCE
Reducer	25x20 ; 32x20 ; 40x20 ; 40x25 ; 40x32 ; 50x20 ; 50x25 ; 50x32 ; 50x40 ; 63x25 ; 63x32 ; 63x40 ; 63x50 ; 75x40 ; 75x50 ; 75x63 ; 90x50 ; 90x63 ; 90x75 ; 110x63 ; 110x75 ; 110x90 ; 125x75 ; 125x90 ; 125x110	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	621XX
Socket	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion	NO	Polypropylene (PP-R)	620XX
Straight female	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion / Metallic parts	NO	Polypropylene (PP-R)	660XX
Straight male	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125	1/10 ; 2/10 ; 4/10 ; 5/8	Thermofusion / Metallic parts	NO	Polypropylene (PP-R)	662XX

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