



AENOR Product Certificate

001/006889

Annex to Certificate

TRADEMARK FUSIO-TECHNIK

SERIE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	OPACITY
2,5	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110	1/10 ; 2/8 ; 4/10 ; 5/6	NO
3,2	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110	1/8 ; 2/6 ; 4/10 ; 5/6	NO
5.0	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 - 125 - 160	1/6 ; 2/6 ; 4/6	NO

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



AENOR Product Certificate



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.

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CEO



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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
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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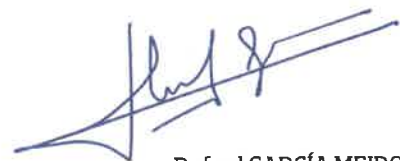


001/006891

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 (PP-R)
in compliance with	SANS 15874-1:2004 SANS 15874-5:2004
System description	Trademark: FUSIO-TECHNIK Type of joint: Thermofusion / Metallic parts Application class / Design pressure (bar): Serie 2,5: 1/10; 2/8; 4/10; 5/6 ; Serie 3,2: 1/8; 2/6; 4/10; 5/6 ; Serie 5,0: 1/6; 2/6; 4/6 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.
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System description Trademark: FUSIO-TECHNIK
Type of joint: Thermofusion / Metallic parts
Application class / Design pressure (bar): Serie 2,5: 1/10; 2/8; 4/10; 5/6
; Serie 3,2: 1/8; 2/6; 4/10; 5/6; Serie 5,0: 1/6; 2/6; 4/6

SYSTEM COMPONENT	DIAMETERS (mm)	MATERIAL	REFERNCES
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; 110x75x100; 110x90x110; 125x90x125; 125x110x125	Polypropylene (PP-R)	64222
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)	62112
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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