



AENOR Product Certificate



001/005931

AENOR certifies that the organization

ALFATUBO - EMPRESA DE PLASTICOS TECNICOS, Lda.

registered office RUA POENTE. PAÇOS 4410-034 SERZEDO VNG (Porto - Portugal)

supplies **Fittings for polypropylene pipes for hot and cold water installations**

in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)
UNE-EN ISO 15874-3:2013 (EN ISO 15874-3:2013)

TRADEMARK ALFATHERM®

See annex for more information.

Production site RUA POENTE. PAÇOS 4410-034 SERZEDO VNG (Porto - Portugal)

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.

First issued on 2013-02-15
Last issued on 2023-02-15
Validity 2028-02-15

Rafael GARCÍA MEIRO
Chief Executive Officer





AENOR Product Certificate

001/005931

Annex to Certificate

TRADEMARK ALFATHERM®

FIGURE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	TYPE OF JOINT	OPACITY	MATERIAL	REFERENCE
Elbow 90°	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion	No	Polypropylene (PP-R)	PPJLFFOXXXXP ; PPJLMF032P
Elbow 90° female/female	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion / Metallic parts	No	Polypropylene (PP-R)	PPJFRFOXXXXP
Elbow 90° female/male	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion / Metallic parts	No	Polypropylene (PP-R)	PPJFRMOXXXXP
End cap	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion	No	Polypropylene (PP-R)	PPTPOXXP
Equal tee	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion	No	Polypropylene (PP-R)	PPTS0XXP
Reduced tee	25x20x25 ; 25x20x20 ; 25x25x20 ; 32x20x32 ; 32x25x32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion	No	Polypropylene (PP-R)	PPTRXXXXXXP
Reducer	25x20 ; 32x25	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion	No	Polypropylene (PP-R)	PPURFFOXXOXXP
Socket	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion	No	Polypropylene (PP-R)	PPUSOXXP
Straight female	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion / Metallic parts	No	Polypropylene (PP-R)	PPUFRFOXXXXP
Straight male	20 - 25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Thermofusion / Metallic parts	No	Polypropylene (PP-R)	PPUFRMOXXXXP

First issued on 2013-02-15
 Last issued on 2023-02-15
 Validity 2028-02-15



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