

AENOR



AENOR Product Certificate



001/007140

AENOR certifies that the organization

FERSIL - FREITAS & SILVA, S.A

registered office ZONA INDUSTRIAL DE CESAR - APARTADO 2022 3701 - 906 CESAR
(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 FERSIL

See annex for more information.

Production site ZONA INDUSTRIAL DE CESAR - APARTADO 2022 3701 906 CESAR
(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 2020-09-04

Last issued on 2025-09-04

Validity 2030-09-04

Rafael GARCÍA MEIRO
CEO



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



AENOR Product Certificate

001/007140

Annex to Certificate

TRADEMARK FERSIL

FIGURE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	TYPE OF JOINT	OPACITY	MATERIAL	REFERENCE
Manguito / Socket / Uniões	20 - 25 - 32 - 40 - 50 - 63	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X4120X
Codo a 90° / Elbow 90° / Joelhos 90°	20 - 25 - 32 - 40 - 50 - 63	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X1211X
Codo a 45° / Elbow 45° / Joelhos 45°	20 - 25 - 32 - 40 - 50 - 63	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X1210X
Te igual / Equal tee / Tês	20 - 25 - 32 - 40 - 50 - 63	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X2311X
Reducción / Reducer / Reduções	25x20 ; 32x25 ; 40x32 ; 50x40 ; 63x50	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X4510X
Enlace rosca hembra / Female straight / Uniões rosca fêmea	20 - 25 - 32 - 40 - 50 - 63	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X4210X
Codo 90° rosca hembra / Female elbow 90° / Joelho 90° rosca fêmea	25 - 32	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X131XX
Te rosca hembra / Female tee / Tês rosca fêmea	20 - 25	1/10 ; 2/8 ; 4/10 ; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X2410X

First issued on 2020-09-04
Last issued on 2025-09-04
Validity 2030-09-04



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

AENOR Product Certificate

001/007140

Annex to Certificate

FIGURE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	TYPE OF JOINT	OPACITY	MATERIAL	REFERENCE
Enlace rosca macho / Male straight / Uniões rosca macho	20 - 25 - 32 - 40 - 50 - 63	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X4220X
Codo 90° rosca macho / Male elbow 90° / Joelhos 90° rosca macho	20 - 25 - 32	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X132XX
Tapón / End cap / Tampões	20 - 25 - 32 - 40 - 50 - 63	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X6710X
Te reducida / Reduced tee / Te reducao	25X20X20; 25X20X25; 25X25X20; 32X20X20; 32X20X25; 32X20X32; 32X25X32; 40X20X40; 40X25X40; 40X32X40	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X321XX
Te rosca macho / Male tee / Tês rosca macho	20	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X2411X
Codo 90° placa rosca hembra / Wallplate female elbow / Joelhos 90° com pater rosca hembra	20 - 25	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X1330X
Codo doble rosca hembra / Double female elbow / Joelho Duplo rosca femea	20 - 25	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X2111X

First issued on 2020-09-04
Last issued on 2025-09-04
Validity 2030-09-04



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



AENOR Product Certificate

001/007140

Annex to Certificate

FIGURE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	TYPE OF JOINT	OPACITY	MATERIAL	REFERENCE
Reducción Hembra-Hembra / Reducer Female-Female / Reduções Femea/Femea	25x20; 32x25;	1/10; 2/8; 4/10; 5/6	Termofusión / Thermofusion / Termofusão	No	Polipropileno (PP-R) / Polypropylene (PP-R) / Polipropileno (PP-R)	15412X4710X

First issued on 2020-09-04
Last issued on 2025-09-04
Validity 2030-09-04



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