



AENOR Product Certificate



001/005933

AENOR certifies that the organization

FIRAT PLASTIK, KAUÇUK VE SAN. TIC. A.S.

registered office TURKOBA KOYU, P.K. , 12 - 34907 BUYUKCEKMECE (Istanbul - Turquía)

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 FIRAT

See annex for more information.

Production site TURKOBA KOYU, P.K. , 12 - 34907 BUYUKCEKMECE (Istanbul - Turquía)

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





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Annex to Certificate

TRADEMARK FIRAT

| FIGURE | DIAMETERS (mm) | APPLICATION CLASS / DESIGN PRESSURE (bar) | TYPE OF JOINT | OPACITY | MATERIAL | REFERENCE |
|-----------------|--|---|-------------------------------|---------|----------------------|-------------------------|
| Elbow 45° | 32 - 63 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 77110010XX |
| Elbow 90° | 20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 77110000XX |
| End cap | 20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 77310000XX |
| Equal tee | 20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 77410000XX |
| Female elbow | 25 - 40 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion / Metallic parts | No | Polypropylene (PP-R) | 77720251XX ; 7771040318 |
| Female tee | 25 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion / Metallic parts | No | Polypropylene (PP-R) | 7752025XXX |
| Male elbow | 25 - 40 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion / Metallic parts | No | Polypropylene (PP-R) | 7774025XXX ; 7773040318 |
| Male tee | 25 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion / Metallic parts | No | Polypropylene (PP-R) | 7754025XXX |
| Reduced tee | 25x20x25 ; 40x25x40 ; 63x40x63 ; 63x50x63 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 7742XXXXXX |
| Reducer | 25x20 ; 32x25 ; 50x40 ; 63x50 ; 75x63 ; 90x75 ; 110x90 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 77230XX0XX |
| Socket | 20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion | No | Polypropylene (PP-R) | 77210000XX |
| Straight female | 20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion / Metallic parts | No | Polypropylene (PP-R) | 7762025XXX ; 77650X0191 |
| Straight male | 20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110 | 1/10 ; 2/8 ; 4/10 ; 5/6 | Thermofusion / Metallic parts | No | Polypropylene (PP-R) | 776402XXXX ; 7763040318 |

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