

Fusion-Tech faser FIBER-COND GREY Striped Pipe - SDR 11

Raw material: PP-RCT /PP-RF/PP-R

Series: S 5 from 1" to 10"

Thermal conductivity at 68F: 0.0423

BTU(h)/hr/ft²/F

Expansion coefficient: at 0.0002367 in/ft ° F

Internal roughness: 0.00028 inches

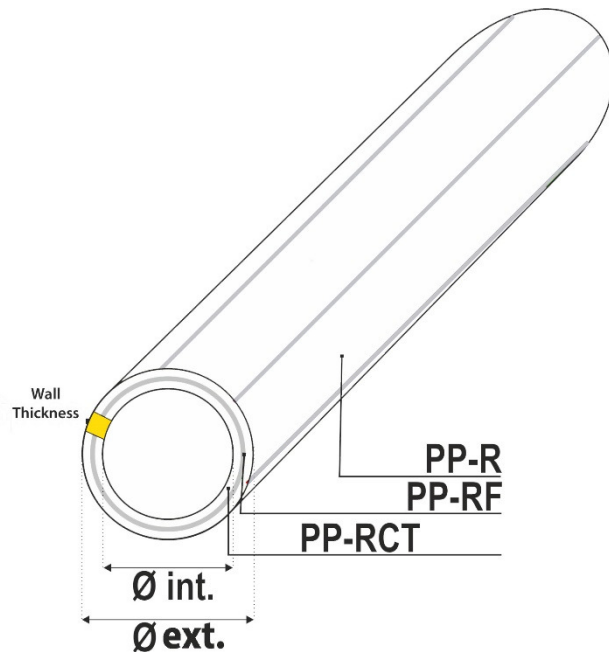
Sizes: from Ø 1" to Ø 10"

Color: white with grey stripes

Marking: done by electronic equipment that
 an inscription along the pipe with the pipe

information every 3 feet, as shown in the example below:

aquatechnik® article PP-RCT/PP-RF/PP-R FUSION-TECH – faser FIBER-COND GREY Striped Pipe
 DDxS,S SDR11---EN ISO 15874---DIN 16837—IIP282---HH:MM GG.MM.AA LX Lotto XXXXX--- ---made
 in Italy



stamps

Advantages

- Fast welding
- Corrosion free pipe and fittings
- Industry leading flow rate
- Resistant to most chemicals
- Natural thermal insulator
- Light and impact resistant
- Durable and long lasting
- Naturally dampens sound

Product Specification - Fusion-Tech faser FIBER-COND GREY Striped Piped PP-RCT 125

| Part No. | Nominal Diameter | Ø ext. | Ø int. | Wall Thickness | SDR | Length | H2O Content | Weight | Amount per Bundle |
|----------|------------------|--------|--------|----------------|-----|--------|-------------|---------|-------------------|
| | in | mm | in | in | | ft. | US gal/ft. | lbs/ft. | ft. |
| 61462 | 1 | 32 | 1.031 | 0.114 | 11 | 13 | 0.043 | 0.179 | 131 |
| 61464 | 1 1/4 | 40 | 1.283 | 0.146 | 11 | 13 | 0.067 | 0.277 | 131 |
| 61466 | 1 1/2 | 50 | 1.606 | 0.181 | 11 | 13 | 0.105 | 0.429 | 66 |
| 61468 | 2 | 63 | 2.024 | 0.228 | 11 | 13 | 0.167 | 0.679 | 66 |
| 61470 | 2 1/2 | 75 | 2.417 | 0.268 | 11 | 13 | 0.238 | 0.954 | 66 |
| 61472 | 3 | 90 | 2.898 | 0.323 | 11 | 13 | 0.343 | 1.390 | 39 |
| 61474 | 3 1/2 | 110 | 3.543 | 0.394 | 11 | 13 | 0.512 | 2.023 | 26 |
| 61476 | 4 | 125 | 4.017 | 0.449 | 11 | 13 | 0.661 | 2.520 | 13 |
| 61478 | 6 | 160 | 5.150 | 0.575 | 11 | 19 | 1.082 | 4.539 | 19 |
| 61480 | 8 | 200 | 6.441 | 0.717 | 11 | 19 | 1.693 | 7.150 | 19 |
| 61482 | 10 | 250 | 8.055 | 0.894 | 11 | 19 | 2.647 | 10.604 | 19 |

Product Applications

| | |
|---------------------------------|-----------------|
| Heating Systems | YES |
| Chilled Water Systems | YES |
| Marine Application | YES |
| Rain Water Collection | NO |
| Compressed Air | YES |
| In-Floor Heating | YES |
| Chemical Application | CONSULT FACTORY |
| Potable Water* | NO |
| Food Grade | NO |
| Fire Protection | CONSULT FACTORY |
| Underground Applications | YES |
| Irrigation | NO |

Working Pressure

Applicable Certifications, Standards and Regulations

| | | Fusion-Tech faser FIBER-COND GREY Striped Pipe SF1.25 |
|-----|-------|--|
| °F | years | psi |
| 50 | 10 | 324 |
| | 25 | 318 |
| | 50 | 312 |
| | 100 | 306 |
| 68 | 10 | 281 |
| | 25 | 275 |
| | 50 | 271 |
| | 100 | 265 |
| 86 | 10 | 243 |
| | 25 | 238 |
| | 50 | 233 |
| | 100 | 229 |
| 104 | 10 | 209 |
| | 25 | 204 |
| | 50 | 200 |
| | 100 | 195 |
| 122 | 10 | 178 |
| | 25 | 173 |
| | 50 | 169 |
| | 100 | 166 |
| 140 | 10 | 149 |
| | 25 | 146 |
| | 50 | 142 |
| 158 | 10 | 126 |
| | 25 | 122 |
| | 50 | 119 |
| 176 | 10 | 103 |
| | 25 | 101 |
| 203 | 5 | 78 |
| | 10 | 76 |

SF = Safety Factor

Listings and Approvals

NSF 14
 NSF 372
 IPC 2009 sec. 605
 IMC 2009 ch. 21 & 26
 IRC 2009 ch. 21 & 26
 UMC 2012 ch. 6

Reference Standards

ASTM F2389
 ASTM F2023
 ASTM D2837
 DIN 8078
 DIN 8077
 CSA B137.11
 CSA B214
 ISO 9080
 ISO 15874
 ISO 9001