

Uponor PP-RCT 45 elbows fabricated (butt fusion)

Project Information

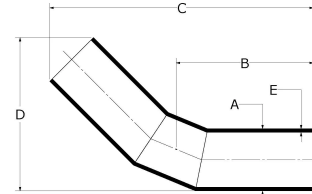
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|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

Material PP-RCT

Product information and application use

Use Uponor PP-RCT 45 fabricated elbows with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications.



| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | Weight per UOM [lbs/UOM] | Equivalent length through [ft] | End Type 1 | End Type 2 | Operating Temperature 1 [°F] |
|---------------------------------------------------------|--------------|----------|----------|----------|----------|----------|--------------------------|--------------------------------|------------|------------|----------------------------------|
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11 | PR1147645600 | 6.3 | 9.95 | 19.957 | 12.721 | 0.58 | - | - | Butt 6" | Butt 6" | - |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6 | PR174764510 | 9.85 | 15.1 | 30.207 | 19.477 | 0.56 | 17.59 | 10.9 | Butt 10" | Butt 10" | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6 | PR174764512 | 12.4 | 17.6 | 35.511 | 23.478 | 0.705 | 32.06 | 13.7 | Butt 12" | Butt 12" | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6 | PR174764560 | 6.3 | 9.95 | 19.754 | 12.637 | 0.358 | 4.72 | 7 | Butt 6" | Butt 6" | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6 | PR174764580 | 7.88 | 17.5 | 33.607 | 19.493 | 0.448 | 13.06 | 8.7 | Butt 8" | Butt 8" | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9 | PR947645600 | 6.3 | 9.95 | 19.754 | 12.637 | 0.7 | 8.43 | 6 | Butt 6" | Butt 6" | 73 °F (23 °C) at 265 psi (23 °C) |

| Part name | Part no. | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] |
|---------------------------------------------------------|--------------|-----------------------------------|-----------------------------------|
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11 | PR1147645600 | - | - |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6 | PR174764510 | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6 | PR174764512 | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6 | PR174764560 | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6 | PR174764580 | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9 | PR947645600 | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) |

Installation

Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

Related applications

Hydronic heating and cooling systems
Industrial

Codes

CMC|IMC|UMC

Standards

ASTM E84|NSF-14|ASTM F2389|CSA B137.11

Listings

ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775

Footnotes

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