

Codos fabricados a 45 grados de PP-RCT de Uponor (fusión a tope)



Project Information

| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Fecha de envío: |
| Contractor: | Presentada por: |
| Manufacturer's representative: | Approved by: |

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] | Equivalent length through [ft] | End Type 1 | End Type 2 | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] |
|---|--------------|----------|----------|----------|----------|--------------------------------|------------|------------|----------------------------------|-----------------------------------|-----------------------------------|
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11 | PR1147645600 | 19.957 | 12.72 | 6.299 | 0.58 | 6.4 | Butt 6" | Butt 6" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6 | PR174764510 | 30.207 | 19.477 | 9.843 | 0.56 | 10.9 | Butt 10" | Butt 10" | 73 °F (23 °C) at 130 psi (23 °C) | 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 | 35.512 | 23.478 | 12.402 | 0.705 | 13.7 | Butt 12" | Butt 12" | 73 °F (23 °C) at 130 psi (23 °C) | 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 | 33.606 | 19.493 | 7.874 | 0.448 | 8.7 | Butt 8" | Butt 8" | 73 °F (23 °C) at 130 psi (23 °C) | 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 | 19.756 | 12.638 | 6.299 | 0.7 | 6 | Butt 6" | Butt 6" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6 | PR174764560 | 19.756 | 12.638 | 6.299 | 0.358 | 7 | Butt 6" | Butt 6" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11 | PR114764510 | 29.223 | 19.045 | 9.843 | 0.894 | 10.1 | Butt 10" | Butt 10" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11 | PR114764512 | 34.402 | 23 | 12.402 | 1.126 | 12.7 | Butt 12" | Butt 12" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11 | PR1147645800 | 32.766 | 19.12 | 7.874 | 0.717 | 8.1 | Butt 8" | Butt 8" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9 | PR94764510 | 29.223 | 19.045 | 9.843 | 1.098 | 9.61 | Butt 10" | Butt 10" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9 | PR94764512 | 34.402 | 23 | 12.402 | 1.386 | 12.01 | Butt 12" | Butt 12" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9 | PR947645800 | 32.766 | 19.12 | 7.874 | 0.882 | 7.61 | Butt 8" | Butt 8" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) |

| Part name | Part no. | Material group | Weight per UOM [lbs/UOM] |
|---|--------------|----------------|--------------------------|
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11 | PR1147645600 | - | 7.01 |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6 | PR174764510 | PP-RCT | 17.59 |

| | | | |
|---|--------------|--------|-------|
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6 | PR174764512 | PP-RCT | 32.06 |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6 | PR174764580 | PP-RCT | 13.06 |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9 | PR947645600 | PP-RCT | 8.43 |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6 | PR174764560 | PP-RCT | 4.72 |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11 | PR114764510 | PP-RCT | 24.25 |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11 | PR114764512 | PP-RCT | 44.9 |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11 | PR1147645800 | PP-RCT | 18.15 |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9 | PR94764510 | PP-RCT | 29.15 |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9 | PR94764512 | PP-RCT | 53.99 |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9 | PR947645800 | PP-RCT | 21.83 |

| Part name | Part no. | Codes | Standards | Listings |
|--|----------|-------------|---|---|
| Codos fabricados a 45 grados de PP-RCT de Uponor (fusión a tope) | All | CMC IMC UMC | ASTM E84 NSF/ANSI 14 ASTM F2389 CSA B137.11 | ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775 |

| Installation | Related applications |
|--|--|
| Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details. | Hydronic heating and cooling systems Industrial |

| Footnotes | Contact information |
|-----------|---|
| - | <p>Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008</p> <p>Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517</p> |