

Uponor PP-RCT 45 elbows, mechanical, short radius (butt fusion)

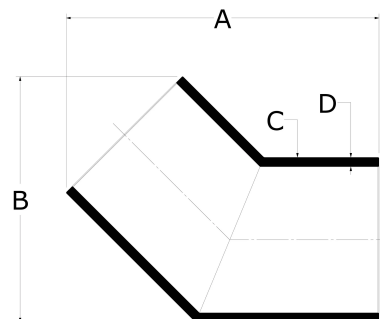


Project Information

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

Technical data

Material PP-RCT



45 ELBOW
SHORT RADIUS

| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | Equivalent length through [ft] | End Type 1 | End Type 2 | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] |
|-----------------------------------------------------------------------|--------------|----------|----------|----------|----------|----------|--------------------------------|------------|------------|----------------------------------|-----------------------------------|
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius | PR1147645100 | 20.13 | 15.276 | 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) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius | PR1147645120 | 23.492 | 18.48 | 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) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius | PR114764561 | 15.022 | 10.657 | 6.299 | 0.575 | - | 6.4 | Butt 6" | Butt 6" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius | PR114764581 | 23.523 | 15.315 | 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) |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius | PR1747645100 | 20.13 | 15.276 | 9.843 | 0.559 | - | 10.9 | Butt 10" | Butt 10" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius | PR1747645120 | 23.492 | 18.48 | 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) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius | PR1747645600 | 15.091 | 10.685 | 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) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius | PR1747645800 | 23.523 | 15.315 | 7.874 | 0.449 | - | 8.7 | Butt 8" | Butt 8" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius | PR947645100 | 20.13 | 15.276 | 9.843 | 1.098 | - | 9.6 | Butt 10" | Butt 10" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius | PR947645120 | 23.492 | 18.48 | 12.402 | 1.386 | - | 12 | Butt 12" | Butt 12" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius | PR94764561 | 14.752 | 10.551 | 6.299 | 0.705 | - | 6 | Butt 6" | Butt 6" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius | PR94764581 | 23.523 | 15.315 | 7.874 | 0.882 | - | 7.6 | Butt 8" | Butt 8" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) |

| Part name | Part no. | Operating Temperature 3 [°F] | Weight per UOM [lbs/UOM] |
|---------------------------------------------------------------------|--------------|----------------------------------|--------------------------|
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius | PR1147645100 | 180 °F (82 °C) at 80 psi (82 °C) | 17.57 |

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|-----------------------------------------------------------------------|--------------|-----------------------------------|-------|
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius | PR1147645120 | 180 °F (82 °C) at 80 psi (82 °C) | 31.89 |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius | PR114764561 | 180 °F (82 °C) at 80 psi (82 °C) | 5.39 |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius | PR114764581 | 180 °F (82 °C) at 80 psi (82 °C) | 13.98 |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius | PR1747645100 | 180 °F (82 °C) at 50 psi (82 °C) | 11.64 |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius | PR1747645120 | 180 °F (82 °C) at 50 psi (82 °C) | 19.82 |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius | PR1747645600 | 180 °F (82 °C) at 50 psi (82 °C) | 3.63 |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius | PR1747645800 | 180 °F (82 °C) at 50 psi (82 °C) | 9.26 |
| Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius | PR947645100 | 180 °F (82 °C) at 100 psi (82 °C) | 20.84 |
| Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius | PR947645120 | 180 °F (82 °C) at 100 psi (82 °C) | 38.03 |
| Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius | PR94764561 | 180 °F (82 °C) at 100 psi (82 °C) | 6.48 |
| Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius | PR94764581 | 180 °F (82 °C) at 100 psi (82 °C) | 16.58 |

| Part name | Part no. | Codes | Standards | Listings |
|-----------------------------------------------------------------|----------|-------------|---------------------------------------------|---------------------------------------------------------|
| Uponor PP-RCT 45 elbows, mechanical, short radius (butt fusion) | 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 |
|--------------|----------------------|
| - | - |

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