

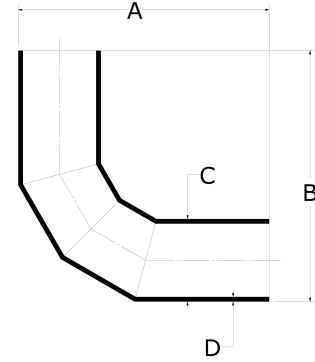
# Codos fabricados en PP-RCT 90 de Uponor (fusión a tope)

## 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] | E [inch] | F [inch] | Equivalent length through [ft] | End Type 1 | End Type 2 | Operating Temperature 1 [°F]     |
|---|--------------|----------|----------|----------|----------|----------|----------|--------------------------------|------------|------------|----------------------------------|
| Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 11     | PR1147690600 | 22.39    | 22.39    | 6.299    | 0.579    | -        | -        | 17.2                           | Butt 6"    | Butt 6"    | 73 °F (23 °C) at 215 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 17.6 | PR174769012  | 31.201   | 31.201   | 12.402   | 0.705    | -        | -        | 36.6                           | Butt 12"   | Butt 12"   | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 17.6   | PR174769060  | 22.39    | 22.39    | 6.299    | 0.358    | -        | -        | 19.8                           | Butt 6"    | Butt 6"    | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 9      | PR947690600  | 22.39    | 22.39    | 6.299    | 0.7      | -        | -        | 18                             | Butt 6"    | Butt 6"    | 73 °F (23 °C) at 265 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 9      | PR947690800  | 23.937   | 23.937   | 7.874    | 0.882    | -        | -        | 21.5                           | Butt 8"    | Butt 8"    | 73 °F (23 °C) at 265 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 17.6   | PR174769080  | 23.937   | 23.937   | 7.874    | 0.449    | -        | -        | 23.3                           | Butt 8"    | Butt 8"    | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 17.6 | PR174769010  | 26.929   | 26.929   | 9.843    | 0.559    | -        | -        | 29.1                           | Butt 10"   | Butt 10"   | 73 °F (23 °C) at 130 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 11   | PR1147690100 | 27.061   | 27.061   | 9.843    | 0.894    | -        | -        | 26.8                           | Butt 10"   | Butt 10"   | 73 °F (23 °C) at 215 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 11   | PR114769012  | 31.7     | 31.7     | 12.402   | 1.126    | -        | -        | 33.79                          | Butt 12"   | Butt 12"   | 73 °F (23 °C) at 215 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 11     | PR1147690800 | 23.912   | 23.912   | 7.874    | 0.717    | -        | -        | 20.41                          | Butt 8"    | Butt 8"    | 73 °F (23 °C) at 215 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 9    | PR947690100  | 27.061   | 27.061   | 9.843    | 1.098    | -        | -        | 25.49                          | Butt 10"   | Butt 10"   | 73 °F (23 °C) at 265 psi (23 °C) |
| Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 9    | PR94769012   | 31.7     | 31.7     | 12.402   | 1.386    | -        | -        | 32.19                          | Butt 12"   | Butt 12"   | 73 °F (23 °C) at 265 psi (23 °C) |

| Part name   | Part no.     | Operating Temperature 2 [°F]      | Operating Temperature 3 [°F]      | Material group | Weight per UOM [lbs/UOM] |
|---|--------------|-----------------------------------|-----------------------------------|----------------|--------------------------|
| Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 11     | PR1147690600 | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C)  | -              | 12.58                    |
| Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 17.6 | PR174769012  | 140 °F (60 °C) at 70 psi (60 °C)  | 180 °F (82 °C) at 50 psi (82 °C)  | PP-RCT         | 42.04                    |
| Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 17.6   | PR174769060  | 140 °F (60 °C) at 70 psi (60 °C)  | 180 °F (82 °C) at 50 psi (82 °C)  | PP-RCT         | 8.47                     |
| Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 9      | PR947690600  | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) | PP-RCT         | 15.15                    |
| Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 9      | PR947690800  | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) | -              | 23.9                     |
| Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 17.6   | PR174769080  | 140 °F (60 °C) at 70              | 180 °F (82 °C) at 50              | PP-RCT         | 13.34                    |

|   |              | psi (60 °C)                          | psi (82 °C)                          |        |       |
|---|--------------|--------------------------------------|--------------------------------------|--------|-------|
| Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 17.6 | PR174769010  | 140 °F (60 °C) at 70<br>psi (60 °C)  | 180 °F (82 °C) at 50<br>psi (82 °C)  | PP-RCT | 23.5  |
| Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 11   | PR1147690100 | 140 °F (60 °C) at 120<br>psi (60 °C) | 180 °F (82 °C) at 80<br>psi (82 °C)  | PP-RCT | 32.63 |
| Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 11   | PR114769012  | 140 °F (60 °C) at 120<br>psi (60 °C) | 180 °F (82 °C) at 80<br>psi (82 °C)  | PP-RCT | 59.9  |
| Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 11     | PR1147690800 | 140 °F (60 °C) at 120<br>psi (60 °C) | 180 °F (82 °C) at 80<br>psi (82 °C)  | PP-RCT | 18.44 |
| Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 9    | PR947690100  | 140 °F (60 °C) at 150<br>psi (60 °C) | 180 °F (82 °C) at 100<br>psi (82 °C) | PP-RCT | 39.19 |
| Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 9    | PR94769012   | 140 °F (60 °C) at 150<br>psi (60 °C) | 180 °F (82 °C) at 100<br>psi (82 °C) | PP-RCT | 72.03 |

| Part name   | Part no. | Codes       | Standards                                   | Listings  |
|---|----------|-------------|---|---|
| Codos fabricados en PP-RCT 90 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<br>Industrial |

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