

Stainless Steel Rigid Conduit Elbow, 45°

Features and Benefits

- RMC's stainless steel rigid conduit elbows are engineered to facilitate a smooth and gradual change in conduit direction. Available in various bend angles, including 90° and 45°. Elbows can also be customized to other bend angles and radius lengths by utilizing RMC's in-house bending and machine facility.
- RMC's stainless steel rigid conduit elbows are manufactured in alloy grade 304 and 316, and are provided with a hygienic polished finish, delivering an exceptional aesthetic appearance and a consistent surface. This finish enhances cleanability and significantly reduces the risk of microbial bacteria accumulation
- Among metallic electrical raceway options, stainless steel offers the highest corrosion resistance, along with exceptional strength and temperature performance.
- Both 304 and 316 stainless steel offer excellent strength and temperature performance, with 316 providing better corrosion resistance in chloride, sulfide and marine environments due to its slightly higher nickel content and higher heat tolerance, up to 1550°F.

Applications

- RMC's stainless rigid conduit elbows' hygienic polished finish delivers exceptional corrosion resistance in challenging environments, including marine areas, chemical processing facilities, and food processing plants where rigorous chemical washdowns are essential.
- RMC's stainless steel significantly reduces the need for maintenance and replacement of conduit and fittings in corrosive environments and demanding applications.



Certifications

- UL 6A Listed
- UL File # E531581
- ANSI® C80.1
- NEC Article 344., table 2 chapter 9

| Part Number 304L | Part Number 316L | Trade Sizes (Inches) | Min. UL Radius "A" (in.) | Offset "B" (in.) | Straight Length "C" (in.) | Weight/100pcs (lbs.) | PCS/ Carton | Weight/ Carton (lbs.) |
|------------------|------------------|----------------------|--------------------------|------------------|---------------------------|----------------------|-------------|-----------------------|
| SR4EL0545 | SR6EL0545 | 1/2" | 4 | 2.52 | 1.87 | 47 | 50 | 24 |
| SR4EL0745 | SR6EL0745 | 3/4" | 4.5 | 2.83 | 2.1 | 70 | 50 | 35 |
| SR4EL1045 | SR6EL1045 | 1" | 5.75 | 3.31 | 2.26 | 121 | 35 | 42 |
| SR4EL1245 | SR6EL1245 | 1-1/4" | 7.25 | 4.09 | 2.75 | 204 | 30 | 61 |
| SR4EL1545 | SR6EL1545 | 1-1/2" | 8.25 | 4.72 | 3.25 | 284 | 15 | 43 |
| SR4EL2045 | SR6EL2045 | 2" | 9.5 | 5.6 | 4.3 | 448 | 15 | 67 |

