

30° Elbow, Galvanized Rigid Conduit (GRC)



Submittal Sheet - Representative Materials Company

Overview

Rigid conduit elbows are specifically designed to provide a smooth and gradual change in direction for the conduit. They come in various angles, such as 90 degrees (right angle), 45 degrees, and other custom angles, allowing electricians to navigate around obstacles, make turns, stub-ups or bring conduit runs to different heights. Rigid Steel Conduit Elbow is manufactured from prime conduit shell with high-strength in accordance with the latest specifications and standard of ANSI C80.1(UL6). The interior and exterior surface of elbows are free from defect with a smooth welded seam, and are thoroughly and evenly coated with zinc using hot dip galvanizing process.

Consistent Quality

- Made from high-quality flat rolled steel utilizing high production tube mills utilizing the electric resistance welding method.
- Uniform galvanized protection and smoothness on the interior and exterior coatings.
- The inside surface is obstruction free and smooth to reduce friction between conduit wall and wire.
- Manufactured for long life – durable and strong.
- Threads are galvanized after cutting.
- No flaking or chipping when subjected to extreme stress.

Listings

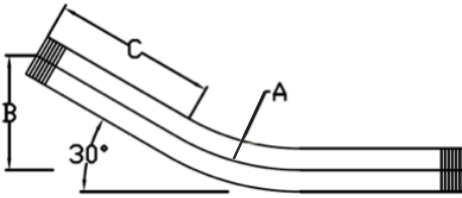
- Underwriters Laboratories Standard for rigid conduit elbows (UL6) file # E531580
- American National Standards Institute (ANSI® C80.1)
- National Electric Code® Article 344
- Additional information can be found in the Underwriters Laboratories Inc., General information for Electrical Equipment Directory. The UL product category for Rigid is DYIX.

Locations

- RMC's rigid conduit elbows meet the requirements of National Electrical Code Article 344 for use in indoor and outdoor locations and in wet and dry locations, including Class 1 Division 1 Hazardous Locations.
- Rigid conduit provides exceptional physical protection, reduces exposure to EMF and shields against electromagnetic interference.

Lower Life-Cycle Costs

- Hot dipped galvanized coating provides enhanced corrosion protection
- Physical and mechanical properties ensure that the pipe has an extended life cycle.
- Resists cracking, flaking, peeling, impact, and damage from severe bending.
- Impact-resistant and non-combustible.
- 100% Recyclable.



Dimension and Weight Chart and Packing Schedule (GRC)

30° RIGID CONDUIT (GRC) STANDARD RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/100PCS	PCS/CARTON	WEIGHT/CARTON
			in.	in.	in.	lbs.		lbs.
RMCEL0530	00810138702307	1/2"	4	1.5	1.87	51	50	26
RMCEL0730	00810138702352	3/4"	4.5	1.7	2.1	72	50	36
RMCEL1030	00810138702406	1"	5.75	1.93	2.26	120	35	42
RMCEL1230	00810138702451	1-1/4"	7.25	2.36	2.75	185	20	56
RMCEL1530	00810138702505	1-1/2"	8.25	2.76	3.25	244	15	37
RMCEL2030	00810138702550	2"	9.5	3.27	3.94	391	10	59
RMCEL2530	00810138702604	2-1/2"	11	3.7	4.53	725	50	363
RMCEL3030	00810138702659	3"	13	4.72	5.9	1144	35	458
RMCEL3530	00810138702703	3-1/2"	15	5.55	7.09	1539	35	539
RMCEL4030	00810138702758	4"	16	6.1	7.87	1933	35	677
RMCEL5030	00810138702802	5"	24	8.78	11.06	4054	BULK	1,014
RMCEL6030	00810138702857	6"	30	10.4	12.71	6282	BULK	1,571

Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with thread protectors on each end. Radius A is the minimum per UL6. Dimensions B and C are reference dimensions.

Submittal Information

Company Name	Phone	Date
Address	Project Name	Project Date
City	Project City	Comments
State & Zip	Project State	

