

# 15° Elbow, Galvanized Rigid Conduit (GRC)



Submittal Sheet - Representative Materials Company

## Overview

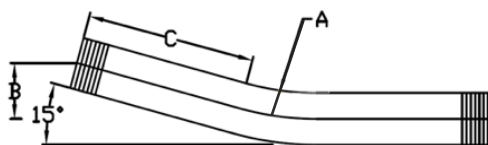
Rigid conduit elbows are specifically designed to provide a smooth and gradual change in direction for the conduit. They come in various angles, such as 90 degrees (right angle), 45 degrees, and other custom angles, allowing electricians to navigate around obstacles, make turns, stub-ups or bring conduit 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)

15° 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.
RMCEL0515	00810138702284	1/2"	4	0.63	1.87	39	50	20
RMCEL0715	00810138702338	3/4"	4.5	0.7	2.1	54	50	27
RMCEL1015	00810138702383	1"	5.75	0.79	2.26	89	35	32
RMCEL1215	00810138702437	1-1/4"	7.25	0.98	2.75	145	30	44
RMCEL1515	00810138702482	1-1/2"	8.25	1.14	3.25	201	15	30
RMCEL2015	00810138702536	2"	9.5	1.34	3.94	312	10	47
RMCEL2515	00810138702581	2-1/2"	11	1.53	4.53	588	50	294
RMCEL3015	00810138702635	3"	13	1.97	5.9	921	35	368
RMCEL3515	00810138702680	3-1/2"	15	2.36	7.09	1232	35	431
RMCEL4015	00810138702734	4"	16	2.6	7.87	1567	35	548
RMCEL5015	00810138702789	5"	24	3.7	11.06	3294	BULK	824
RMCEL6015	00810138702833	6"	30	4.33	12.72	5066	BULK	1,267

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	

