

90° Special Radius Elbow, Galvanized Rigid Conduit (GRC)



Submittal Sheet - Representative Materials Company

<p>Overview</p> <p>Rigid Conduit Special Radius 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.</p>	<p>Consistent Quality</p> <ul style="list-style-type: none"> • 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. 	<p>Listings</p> <ul style="list-style-type: none"> • 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.
	<p>Locations</p> <ul style="list-style-type: none"> • 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. 	<p>Lower Life-Cycle Costs</p> <ul style="list-style-type: none"> • 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)

90° RIGID CONDUIT (GRC) SPECIAL 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.
RMCSW109018	00810138702932	1" X 90° X 18"	18	28	11	704	-	-
RMCSW129018	00810138703045	1-1/4" X 90° X 18"	18	28	11	953	-	-
RMCSW159018	00810138703151	1-1/2" X 90° X 18"	18	28	11	1149	-	-
RMCSW209018	00810138703250	2" X 90° X 18"	18	28	11	1529	108	1,651
RMCSW109024	00810138702949	1" X 90° X 24"	24	35	11	839	-	-
RMCSW129024	00810138703052	1-1/4" X 90° X 24"	24	35	11	1136	-	-
RMCSW159024	00810138703168	1-1/2" X 90° X 24"	24	35	11	1370	-	-
RMCSW209024	00810138703267	2" X 90° X 24"	24	35	11	1731	108	1,869
RMCSW259024	00810138703335	2-1/2" X 90° X 24"	24	35	11	2751	70	1,926
RMCSW309024	00810138703397	3" X 90° X 24"	24	35	11	3594	48	1,725
RMCSW359024	00810138703878	3-1/2" X 90° X 24"	24	35	11	4374	40	1,749
RMCSW409024	00810138703458	4" X 90° X 24"	24	35	11	5119	40	2,048
RMCSW109036	00810138702963	1" X 90° X 36"	36	47	11	1096	-	-
RMCSW129036	00810138703076	1-1/4" X 90° X 36"	36	47	11	1484	-	-
RMCSW159036	00810138703182	1-1/2" X 90° X 36"	36	47	11	1790	-	-
RMCSW209036	00810138703274	2" X 90° X 36"	36	47	11	2290	108	2,473
RMCSW259036	00810138703342	2-1/2" X 90° X 36"	36	47	11	3619	70	2,533
RMCSW309036	00810138703403	3" X 90° X 36"	36	47	11	4727	48	2,269

Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with thread protectors on each end. Radius A is the minimum per UL797. Dimensions B and C are reference dimensions. All dimensions are approximate. All special radius elbows are noncancelable and nonreturnable.



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Submittal Information

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