

45° Special Radius Elbow, Galvanized Rigid Conduit (GRC)



Submittal Sheet - Representative Materials Company

Overview

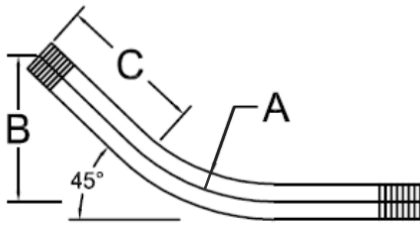
Rigid conduit elbows are specifically designed to provide a smooth and gradual change in direction for the conduit. They come in various angles, such as 90 degrees (right angle), 45 degrees, and other custom angles, allowing electricians to navigate around obstacles, make turns, stub-ups or bring conduit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

45° 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.
RMCSW104518	00810138702888	1" X 45° X 18"	18	12.5	11	514	-	-
RMCSW124518	00810138702994	1-1/4" X 45° X 18"	18	12.5	11	696	-	-
RMCSW154518	00810138703106	1-1/2" X 45° X 18"	18	12.5	11	840	-	-
RMCSW204518	00810138703212	2" X 45° X 18"	24	12.5	11	1118	108	1,207
RMCSW104524	00810138702895	1" X 45° X 24"	24	14.84	11	582	-	-
RMCSW124524	00810138703007	1-1/4" X 45° X 24"	24	14.84	11	788	-	-
RMCSW154524	00810138703113	1-1/2" X 45° X 24"	24	14.84	11	950	-	-
RMCSW204524	00810138703229	2" X 45° X 24"	24	14.84	11	1184	108	1,279
RMCSW254524	00810138703304	2-1/2" X 45° X 24"	24	14.84	11	1882	70	1,317
RMCSW304524	00810138703366	3" X 45° X 24"	24	14.84	11	2458	48	1,180
RMCSW354524	00810138703847	3-1/2" X 45° X 24"	24	14.84	11	2992	40	1,197
RMCSW404524	00810138703427	4" X 45° X 24"	24	14.84	11	3502	40	1,401
RMCSW104536	00810138702918	1" X 45° X 36"	36	18.35	11	704	-	-
RMCSW124536	00810138703021	1-1/4" X 45° X 36"	36	18.35	11	953	-	-
RMCSW154536	00810138703137	1-1/2" X 45° X 36"	36	18.35	11	1149	-	-
RMCSW204536	00810138703236	2" X 45° X 36"	36	18.35	11	1458	108	1,575
RMCSW254536	00810138703311	2-1/2" X 45° X 36"	36	18.35	11	2317	70	1,622
RMCSW304536	00810138703373	3" X 45° X 36"	36	18.35	11	3027	48	1,453

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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Dimension and Weight Chart and Packing Schedule (GRC)

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ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/100PCS	PCS/CARTON	WEIGHT/CARTON
			in.	in.	in.	lbs.		lbs.
RMCSW354536	00810138703854	3-1/2" X 45° X 36"	36	18.35	11	3684	40	1,474
RMCSW404536	00810138703434	4" X 45° X 36"	36	18.35	11	4312	40	1,725
RMCSW504536	00810138703489	5" X 45° X 36"	36	18.35	12	10033	25	2,508
RMCSW604536	00810138703540	6" X 45° X 36"	36	18.35	12	16867	15	2,530
RMCSW104548	00810138702925	1" X 45° X 48"	48	22.55	11	839	-	-
RMCSW124548	00810138703038	1-1/4" X 45° X 48"	48	22.55	11	1136	-	-
RMCSW154548	00810138703144	1-1/2" X 45° X 48"	48	22.55	11	1370	-	-
RMCSW204548	00810138703243	2" X 45° X 48"	48	22.55	12	1789	108	1,932
RMCSW254548	00810138703328	2-1/2" X 45° X 48"	48	22.55	12	2844	70	1,991
RMCSW304548	00810138703380	3" X 45° X 48"	48	22.55	12	3714	48	1,783
RMCSW354548	00810138703861	3-1/2" X 45° X 48"	48	22.55	12	4520	40	1,808
RMCSW404548	00810138703441	4" X 45° X 48"	48	22.55	12	5291	40	2,116
RMCSW504548	00810138703496	5" X 45° X 48"	48	22.55	12	12833	25	3,208
RMCSW604548	00810138703557	6" X 45° X 48"	48	22.55	12	19320	15	2,898
RMCSW109060	00810138704004	1" X 45° X 60"	60	26	11	956	-	-
RMCSW124560	00810138704011	1-1/4" X 45° X 60"	60	26	11	1294	-	-
RMCSW154560	00810138704028	1-1/2" X 45° X 60"	60	26	11	1562	-	-
RMCSW204560	00810138704035	2" X 45° X 60"	60	26	11	2078	50	1,039
RMCSW254560	00810138704042	2-1/2" X 45° X 60"	60	26	11	3319	50	1,660
RMCSW304560	00810138704059	3" X 45° X 60"	60	26	11	4317	25	1,079
RMCSW354560	00810138704066	3-1/2" X 45° X 60"	60	26	11	5225	25	1,306
RMCSW404560	00810138704073	4" X 45° X 60"	60	26	12	6116	25	1,529
RMCSW504560	00810138704080	5" X 45° X 60"	60	26	12	8313	20	1,663
RMCSW604560	00810138704097	6" X 45° X 60"	60	26	11	10925	15	1,639

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.

Submittal Information

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