

45° Special Radius Elbow, Electrical Metallic Tubing (EMT)



Submittal Sheet - Representative Materials Company

Overview

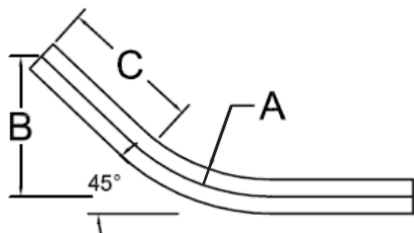
RMC's EMT elbow is specifically designed to allow changes in direction in the EMT conduit system. It is used when the conduit needs to make a turn, creating a bend in the conduit path. The elbow fitting typically has two openings that allow the EMT conduit to enter and exit at different angles. RMC's EMT elbows are manufactured from our high quality EMT conduit in accordance with the latest specifications and standards of ANSI C80.3 (UL797). Fabricated from galvanized steel for low conductivity and high corrosion resistance, all surfaces, both interior and exterior are free from defect with a smooth welded seam.

Consistent Quality

- Made from high grade mild strip steel for durability and sustainability.
- Uniform galvanized protection.
- Manufactured for long life - durable and strong.
- No flaking or chipping when subjected to extreme stress.
- Easy to produce wrinkle-free bends, reduced kinking, and minimized splitting from multiple bends.

Lower Life-Cycle Costs

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



Interior Coatings

- Interior Coating provides a smooth surface for faster wire pulling.
- Protective coating is placed over galvanizing to provide longer life cycle.
- More wire capacity and less friction between wall to wire to minimize wire chafing.

Listings

- Underwriters Laboratories Standard for EMT-Steel (UL797) file # E531582
- American National Standards Institute (ANSI® C80.3)
- National Electric Code® Article 358

Dimension and Weight Chart and Packing Schedule (GRC)

45° ELECTRIC METALLIC TUBING (EMT) 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.
EMTSW104518	00810138700600	1" X 45° X 18"	18	12.5	11	212	70	148
EMTSW124518	00810138700662	1-1/4" X 45° X 18"	18	12.5	11	320	70	224
EMTSW154518	00810138700723	1-1/2" X 45° X 18"	18	12.5	11	367	70	257
EMTSW204518	00810138700808	2" X 45° X 18"	24	12.5	11	469	70	328
EMTSW104524	00810138700617	1" X 45° X 24"	24	14.84	11	240	70	168
EMTSW124524	00810138700679	1-1/4" X 45° X 24"	24	14.84	11	362	70	253
EMTSW154524	00810138700730	1-1/2" X 45° X 24"	24	14.84	11	416	70	291
EMTSW204524	00810138700815	2" X 45° X 24"	24	14.84	11	530	70	371
EMTSW254524	00810138700891	2-1/2" X 45° X 24"	24	14.84	11	734	70	514
EMTSW304524	00810138700952	3" X 45° X 24"	24	14.84	11	894	48	429
EMTSW354524	00810138703595	3-1/2" X 45° X 24"	24	14.84	11	1186	40	474
EMTSW404524	00810138701010	4" X 45° X 24"	24	14.84	11	1336	40	534
EMTSW104536	00810138700631	1" X 45° X 36"	36	18.35	11	290	70	203
EMTSW124536	00810138700686	1-1/4" X 45° X 36"	36	18.35	11	438	70	307
EMTSW154536	00810138700747	1-1/2" X 45° X 36"	36	18.35	11	503	70	352
EMTSW204536	00810138700822	2" X 45° X 36"	36	18.35	11	641	70	449

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.



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



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Dimension and Weight Chart and Packing Schedule (GRC)

45° ELECTRIC METALLIC TUBING (EMT) 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.
EMTSW254536	00810138700907	2-1/2" X 45° X 36"	36	18.35	11	904	70	633
EMTSW304536	00810138700969	3" X 45° X 36"	36	18.35	11	1101	48	528
EMTSW354536	00810138703601	3-1/2" X 45° X 36"	36	18.35	11	1461	40	584
EMTSW404536	00810138701027	4" X 45° X 36"	36	18.35	11	1646	40	658
EMTSW104548	00810138700648	1" X 45° X 48"	48	22.55	11	346	70	242
EMTSW124548	00810138700693	1-1/4" X 45° X 48"	48	22.55	11	522	70	365
EMTSW154548	00810138700754	1-1/2" X 45° X 48"	48	22.55	11	599	70	419
EMTSW204548	00810138700839	2" X 45° X 48"	48	22.55	12	765	70	536
EMTSW254548	00810138700914	2-1/2" X 45° X 48"	48	22.55	12	1109	70	776
EMTSW304548	00810138700976	3" X 45° X 48"	48	22.55	12	1351	48	648
EMTSW354548	00810138703618	3-1/2" X 45° X 48"	48	22.55	12	1793	40	717
EMTSW404548	00810138701034	4" X 45° X 48"	48	22.55	12	2020	40	808
EMTSW104560	00810138700655	1" X 45° X 60"	60	26	11	396	70	277
EMTSW124560	00810138700709	1-1/4" X 45° X 60"	60	26	11	598	70	419
EMTSW154560	00810138700761	1-1/2" X 45° X 60"	60	26	11	686	70	480
EMTSW204560	00810138700846	2" X 45° X 60"	60	26	11	876	70	613
EMTSW254560	00810138703625	2-1/2" X 45° X 60"	60	26	11	3258	50	1,629
EMTSW304560	00810138703632	3" X 45° X 60"	60	26	11	3452	50	1,726
EMTSW354560	00810138703649	3-1/2" X 45° X 60"	60	26	11	3385	50	1,692
EMTSW454560	00810138703656	4" X 45° X 60"	60	26	12	3956	50	1,978

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	

