

Galvanized Rigid Conduit (GRC)

Submittal Sheet - Representative Materials Company



Overview

RMC's Galvanized Rigid Conduit (GRC) (UL6) has excellent protection, strength, and ductility for raceway systems. Our rigid conduit is manufactured from high strength hot-dipped galvanized steel and produced by the electrical resistance welding process which ensures continuous weld seams that that will not split or crack at the weld and are free from interior defects. Our precision threaded ends ensure fast assembly in the field.

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.
- Easy to bend, cut and thread on the job.

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)

PART NUMBER	TRADE SIZE		NOMINAL WT. PER 100FT (30.5M)		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		COLOR TAPE	QUANTITY IN BUNDLE		QUANTITY PER LIFT				WEIGHT/LIFT	
	U.S	Metric	Lbs.	Kg.	in.	mm.	in.	mm.		Feet	Meters	PCS	BD's	Feet	Meters	Lbs.	Kg.
RMCCT05	1/2	16	82	37.2	0.840	21.3	0.104	2.60	Black	100	30.5	-	25	2500	762	2050	930
RMCCT07	3/4	21	109	49.4	1.050	26.7	0.107	2.70	Red	50	15.2	-	40	2000	610	2178	988
RMCCT10	1	27	161	73.0	1.315	33.4	0.126	3.20	Blue	50	15.2	-	25	1250	381	2013	913
RMCCT12	1-1/4	35	218	98.9	1.660	42.2	0.133	3.40	Red	-	-	90	-	900	274	1962	890
RMCCT15	1-1/2	41	263	119	1.900	48.3	0.138	3.50	Black	-	-	80	-	800	244	2099	952
RMCCT20	2	53	350	159	2.375	60.3	0.146	3.70	Blue	-	-	60	-	600	183	2103	954
RMCCT25	2-1/2	63	559	254	2.875	73.0	0.193	4.90	Black	-	-	37	-	370	113	2072	940
RMCCT30	3	78	727	330	3.500	88.9	0.205	5.20	Blue	-	-	30	-	300	91	2183	990
RMCCT35	3-1/2	91	880	399	4.000	101.6	0.215	5.50	Black	-	-	25	-	250	76	2200	998
RMCCT40	4	103	1030	467	4.500	114.3	0.225	5.70	Blue	-	-	20	-	200	61	2059	934
RMCCT50	5	129	1400	635	5.563	141.3	0.245	6.20	Blue	-	-	15	-	150	46	2101	953
RMCCT60	6	155	1840	835	6.625	168.3	0.266	6.80	Blue	-	-	10	-	100	30	1841	835

Notes: 1. Applicable tolerances - Length: 10ft. ± 1/4". Outside Diameter: 1/2" ± 0.015"; 2 1/2"-4" ± 0.025"; 5"-6" ± 1"

Submittal Information

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

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