

Steel Rigid Metal Conduit



Steel Rigid Metal Conduit:

The ultimate protection

Steel rigid metal conduit has the thickest walls of the steel raceways, and is hot-dip galvanized. Rigid metal conduit provides a high level of protection for conductors and cables installed in compliance with the National Electrical Code® (NEC).

10' and 20' lengths

Couplings produced in-house

Conduit threaded on both ends

Coupling supplied on one end, color-coded thread protector on other end

Accurate circular cross section with uniform wall thickness

Interior surface free from defects injurious to conductors

Hot-dip galvanized OD and ID

Contains recycled steel

Designed for Quality and Efficiency

At Wheatland Tube, we leverage our experience and the latest technologies to provide a consistent quality product with on-time deliveries. We manufacture rigid metal conduit from mild steel strip in our CW and state-of-the-art ERW mills, with the industry's leading hot-dip galvanizing process for OD and ID corrosion protection. Our complete in-house production capabilities and quality control programs provide consistency in production.

Green and Sustainable

Rigid metal conduit contains recycled steel content of various amounts, depending on the steel manufacturing process, and provides decades of reliable service if properly maintained. Conductors may be easily removed and new conductors or cables inserted. Future circuits may be added in the same conduit, as permitted by the code. At the end of its life, the steel may be fully recycled.

Tested and Certified for Safety

Our rigid metal conduit is Listed to UL Standard for Safety for Electrical Rigid Metal Conduit—Steel, UL 6. Rigid metal conduit is manufactured in accordance with ANSI® C80.1, UL-6 and federal



specifications WW-C-581. The pitch of rigid metal conduit threads conforms to the American National Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1. The taper of threads is $\frac{3}{4}$ inch per foot (1 in 16). Our steel rigid metal conduit provides protection from severe physical damage, the highest level recognized by the code, for cables and conductors. Rigid metal conduit reduces exposure to electromagnetic fields, shields against harmful electromagnetic interference and is recognized as an equipment-grounding conductor by NFPA 70: National Electrical Code 250.118 (2). Email info@wheatland.com for a copy of Georgia Tech's Grounding and ElectroMagnetic Interference (GEMI) Analysis software.



For more information, call **800.257.8182** or visit **wheatland.com**

RIGID METAL CONDUIT WEIGHTS AND DIMENSIONS (10' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREADS/ INCH	WEIGHT PER 100 FT.		NOMINAL OUTSIDE DIAMETER		NOMINAL INSIDE DIAMETER*		NOMINAL WALL THICKNESS*	
			lbs.	kg	in.	mm	in.	mm	in.	mm
1/2	16	14	82	37.2	0.840	21.34	0.632	16.05	0.104	2.64
3/4	21	14	109	49.4	1.050	26.67	0.836	21.23	0.107	2.72
1	27	1 1/2	161	73.0	1.315	33.40	1.063	27.00	0.126	3.20
1 1/4	35	1 1/2	218	98.9	1.660	42.16	1.394	35.41	0.133	3.38
1 1/2	41	1 1/2	263	119.3	1.900	48.26	1.624	41.25	0.138	3.51
2	53	1 1/2	350	158.8	2.375	60.33	2.083	52.91	0.146	3.71
2 1/2	63	8	559	253.6	2.875	73.03	2.489	63.22	0.193	4.90
3	78	8	727	329.8	3.500	88.90	3.090	78.49	0.205	5.21
3 1/2	91	8	880	399.2	4.000	101.60	3.570	90.68	0.215	5.46
4	103	8	1030	467.2	4.500	114.30	4.050	102.87	0.225	5.72
5	129	8	1400	635.0	5.563	141.30	5.073	128.85	0.245	6.22
6	155	8	1840	834.6	6.625	168.28	6.093	154.76	0.266	6.76

* For information only; not a UL 6 requirement.

Rigid Metal Conduit is manufactured to produce a 10' (3.05 m) length of conduit when a standard coupling is attached.

Wheatland trade sizes 3 through 6 are UL Listed for use with directional boring equipment.

Applicable tolerances: Outside diameter 1/2–1 1/2: ± 0.015" (16–41: ± 0.38 mm), 2–6: (53–155 ± 1%)

PACKAGING (10' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREAD PROTECTOR COLOR	QUANTITY / BUNDLE		QUANTITY / LIFT*			WEIGHT / LIFT		VOLUME / LIFT		
			ft.	m	Pieces	Bundles	ft.	m	lbs.	kg	cu. ft.	cu. m
1/2	16	Black	100	30.5	—	25	2,500	762	2050	929.9	19.4	0.6
3/4	21	Red	50	15.2	—	40	2,000	610	2180	988.8	26.7	0.8
1	27	Blue	50	15.2	—	25	1,250	381	2013	913.1	22.2	0.6
1 1/4	35	Red	—	—	90	—	900	274	1962	889.9	28.3	0.8
1 1/2	41	Black	—	—	80	—	800	244	2104	954.4	27.2	0.8
2	53	Blue	—	—	60	—	600	183	2100	952.5	36.1	1.0
2 1/2	63	Black	—	—	37	—	370	113	2068	938.0	35.0	1.0
3	78	Blue	—	—	30	—	300	91	2181	989.3	41.5	1.2
3 1/2	91	Black	—	—	25	—	250	76	2200	997.9	43.3	1.2
4	103	Blue	—	—	20	—	200	61	2060	934.4	48.6	1.4
5	129	Blue	—	—	15	—	150	46	2100	952.5	52.1	1.5
6	155	Blue	—	—	10	—	100	30	1840	834.6	43.8	1.2

* The quantity per lift conforms to the National Electrical Manufacturers Association Standards Publication RN-2 Packaging of Master Bundles for Steel Rigid Metal Conduit, Intermediate Metal Conduit (IMC) and Electrical Metallic Tubing (EMT).

PACKAGING (20' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREAD PROTECTOR COLOR	QUANTITY / LIFT			WEIGHT / LIFT		VOLUME / LIFT	
			Pieces	ft.	m	lbs.	kg	cu. ft.	cu. m
2	53	Blue	30	600	183	2100	952.5	36.1	1.0
2 1/2	63	Black	18	360	110	2014	913.6	35.0	1.0
3	78	Blue	15	300	91	2180	988.8	41.5	1.2
3 1/2	91	Black	12	240	73	2112	958.0	43.3	1.2
4	103	Blue	10	200	61	2060	934.4	48.6	1.4
5	129	Blue	7	140	43	1960	889.0	52.1	1.5
6	155	Blue	5	100	30	1840	834.6	43.8	1.2

The length is nominal and subject to the tolerance of UL Standard for Safety for Electrical Rigid Metal Conduit—Steel, UL 6.



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Made & Melted
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About Wheatland Tube Electrical Conduit and Fittings

Wheatland Tube produces a broad spectrum of electrical conduit, including hot-dip galvanized steel rigid metal conduit, steel intermediate metal conduit (IMC), steel electrical metallic tubing (EMT), a full line of steel and aluminum elbows and nipples, and steel couplings. We also supply rigid aluminum conduit and couplings.

For more information, contact Wheatland Tube at:

800.257.8182 or **info@wheatland.com**

Or, visit our website at wheatland.com

The Strength to
Deliver 