

PROUDLY UNION
MANUFACTURED IN THE USA

Rigid Aluminum Conduit



 **Wheatland** Tube
A DIVISION OF ZEKELMAN INDUSTRIES

Rigid Aluminum Conduit:

A light, corrosion-resistant wiring solution

Rigid aluminum conduit provides lightweight, nonmagnetic wiring solutions for dry, wet, exposed, concealed or hazardous locations that comply with the National Electrical Code® (NEC).

10' lengths

Lightweight,
easy to install

Easy to cut and bend
on the job

Conduit threaded
on both ends

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

Excellent corrosion-
resistant properties

Nonsparking and
nonmagnetic

Contains recycled
aluminum

Recyclable

Long life

Designed for Quality and Efficiency

At Wheatland Tube, we leverage our experience and the latest technologies to meet your quality, time and budget requirements. We offer rigid aluminum conduit from 6063 aluminum alloy, T-1 temper—a “marine grade” alloy that ensures strength and corrosion resistance. The lightweight design allows for easy installation, saving you time and money.

Green and Sustainable

Rigid aluminum conduit contains recycled aluminum and provides decades of reliable service. Conductors can be easily removed and new conductors inserted. Additional circuits may be added in the same conduit, as permitted by the code. Rigid aluminum conduit can be almost totally recycled at the end of its life.

Wheatland also offers a
full line of EC&N products.
Visit wheatland.com to learn more!



Tested and Certified for Safety

Our rigid aluminum conduit is UL® Listed to UL 6A. It is manufactured in accordance with ANSI® C80.5. The pitch of aluminum conduit threads conforms to the American National Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1. The taper of threads is 3/4 inch per foot (1 in 16). Rigid aluminum conduit offers good mechanical protection. It naturally resists most corrosive atmospheres and industrial environments, so extra coatings may not be required.

RIGID ALUMINUM CONDUIT WEIGHTS AND DIMENSIONS

TRADE SIZE	METRIC DESIGNATOR	THREADS/ INCH	ACCEPTABLE LENGTH* OF FINISHED CONDUIT WITHOUT COUPLING			WEIGHT OF 10 UNIT LENGTHS WITH COUPLINGS		NOMINAL OUTSIDE DIAMETER**		NOMINAL INSIDE DIAMETER***		NOMINAL WALL THICKNESS***	
			ft.	+/- .25 in.	+/- 6 mm	lbs.	kg	in.	mm	in.	mm	in.	mm
½	16	14	9	11¼	3030	28.1	12.75	0.840	21.34	0.632	16.05	0.104	2.64
¾	21	14	9	11¼	3030	37.4	16.96	1.050	26.67	0.836	21.23	0.107	2.72
1	27	11½	9	11	3025	54.5	24.72	1.315	33.40	1.063	27.00	0.126	3.20
1¼	35	11½	9	11	3025	71.6	32.48	1.660	42.16	1.394	35.41	0.133	3.38
1½	41	11½	9	11	3025	88.7	40.23	1.900	48.26	1.624	41.25	0.138	3.51
2	53	11½	9	11	3025	118.5	53.75	2.375	60.33	2.083	52.91	0.146	3.71
2½	63	8	9	10½	3010	187.5	85.05	2.875	73.03	2.489	63.22	0.193	4.90
3	78	8	9	10½	3010	246.3	111.72	3.500	88.90	3.090	78.49	0.205	5.21
3½	91	8	9	10¼	3005	295.6	134.08	4.000	101.60	3.570	90.68	0.215	5.46
4	103	8	9	10¼	3005	350.2	158.85	4.500	114.30	4.050	102.87	0.225	5.72
5	129	8	9	10	2995	478.9	217.23	5.563	141.30	5.073	128.85	0.245	6.22
6	155	8	9	10	2995	630.4	285.95	6.625	168.28	6.093	154.76	0.266	6.76

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

** Applicable tolerances: Outside diameter ½-1½: ± 0.015" (16-41: ± 0.38 mm), 2-6: (53-155) ± 1%.

*** For information only; not a standards requirement.

RIGID ALUMINUM CONDUIT PACKAGING

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
½	16	Black	100	30.5	—	25	2500	762	703	319	18.7	0.53
¾	21	Red	100	30.5	—	25	2500	762	935	424	27.1	0.77
1	27	Blue	100	30.5	—	20	2000	610	1090	494	31.3	0.88
1¼	35	Red	—	—	100	—	1000	305	716	325	27.5	0.78
1½	41	Black	—	—	100	—	1000	305	887	402	34.3	0.97
2	53	Blue	—	—	45	—	450	137	533	242	26.4	0.75
2½	63	Black	—	—	30	—	300	91	563	255	22.9	0.65
3	78	Blue	—	—	20	—	200	61	493	223	22.9	0.65
3½	91	Black	—	—	20	—	200	61	591	268	27.5	0.78
4	103	Blue	—	—	20	—	200	61	700	318	35.4	1.00
5	129	Blue	—	—	8	—	80	24	383	174	24.4	0.69
6	155	Blue	—	—	6	—	60	18	378	172	26.7	0.76

A formal industry packaging standard for aluminum conduit does not exist.



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About Wheatland Tube Electrical Conduit and Fittings

Wheatland Tube produces a broad spectrum of steel electrical conduit, including intermediate metal conduit (IMC), electrical metallic tubing (EMT) and DuraGuard™ hot-dip galvanized steel rigid metal conduit. We also supply a full line of steel and aluminum elbows and nipples, steel couplings, and rigid aluminum conduit and couplings. Additionally, we now offer SpeedCouple, a factory-installed swivel coupling, and SmartSet™ EMT with integral set screw coupling.

For more information, contact Wheatland Tube at:

800.257.8182 or **info@wheatland.com**

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