

MADE AND  
MELTED IN **AMERICA**

# DuraGuard™ Rigid Metal Conduit



 **Wheatland** Tube  
A DIVISION OF ZEKELMAN INDUSTRIES

## DuraGuard™ Rigid Metal Conduit:

# The ultimate protection

DuraGuard rigid metal conduit provides the best circuit protection for conductors and cables installed in compliance with the National Electrical Code® (NEC). Its thick walls guard against physical abuse, and its hot-dip galvanized OD and ID provide the durability to withstand the most corrosive environments.

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 hot-form the most common sizes of DuraGuard, creating a continuous weld and uniform grain for ensured strength. These characteristics also allow for easy threading, bending and cutting, saving time on the job. Our quality control programs ensure an accurate circular cross section, uniform wall thickness and defect-free interior surface on every product.

### Green and Sustainable

DuraGuard 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

DuraGuard is Listed to UL Standard for Safety for Electrical Rigid Metal Conduit – Steel, UL-6. It is manufactured in accordance with ANSI® C80.1, UL-6 and federal specifications WW-C-581. The pitch of the 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). DuraGuard



provides protection from severe physical damage, the highest level recognized by the code, for cables and conductors. The 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](mailto:info@wheatland.com) for a copy of Georgia Tech's Grounding and ElectroMagnetic Interference (GEMI) Analysis software.

### Faster, More Flexible Connections

SpeedCouple, Wheatland Tube's pre-installed swivel coupling, is available on 10' and 20' DuraGuard. The coupling is factory-installed and connects in as little as half the time of conventional couplings. SpeedCouple is UL Listed and manufactured in accordance with ANSI C80.1.

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

## DURAGUARD WEIGHTS AND DIMENSIONS (10' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREADS/ INCH	WEIGHT PER 100 FT.		NOMINAL OUTSIDE DIAMETER		NOMINAL INSIDE DIAMETER	
			lbs.	kg	in.	mm	in.	mm
½	16	14	82	37.2	0.840	21.34	0.632	16.05
¾	21	14	109	49.4	1.050	26.67	0.836	21.23
1	27	11½	161	73.0	1.315	33.40	1.063	27.00
1¼	35	11½	218	98.9	1.660	42.16	1.394	35.41
1½	41	11½	263	119.3	1.900	48.26	1.624	41.25
2	53	11½	350	158.8	2.375	60.33	2.083	52.91
2½	63	8	559	253.6	2.875	73.03	2.489	63.22
3	78	8	727	329.8	3.500	88.90	3.090	78.49
3½	91	8	880	399.2	4.000	101.60	3.570	90.68
4	103	8	1030	467.2	4.500	114.30	4.050	102.87
5	129	8	1400	635.0	5.563	141.30	5.073	128.85
6	155	8	1840	834.6	6.625	168.28	6.093	154.76

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

## DURAGUARD 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
½	16	Black	100	30.5	—	25	2500	762	2050	929.9	19.4	0.6
¾	21	Red	50	15.2	—	40	2000	610	2180	988.8	26.7	0.8
1	27	Blue	50	15.2	—	25	1250	381	2013	913.1	22.2	0.6
1¼	35	Red	—	—	90	—	900	274	1962	889.9	28.3	0.8
1½	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
2½	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
3½	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).  
Pack quantities for Canadian distribution do not comply with NEMA RN-2.

## DURAGUARD 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
½	16	Black	125	2500	762	2050	929.9	13.9	0.4
¾	21	Red	100	2000	610	2180	988.8	20.0	0.6
1	27	Blue	60	1200	366	1932	876.4	17.5	0.5
1¼	35	Red	45	900	274	1962	890.0	19.4	0.5
1½	41	Black	40	800	244	2104	954.4	18.7	0.5
2	53	Blue	30	600	183	2100	952.6	29.6	0.8
2½	63	Black	18	360	110	2012	912.6	23.4	0.7
3	78	Blue	15	300	91	2181	989.3	28.0	0.8
3½	91	Black	12	240	73	2112	958.0	32.2	0.9
4	103	Blue	10	200	61	2060	934.4	30.8	0.9
5	129	Blue	7	140	43	1960	889.1	35.0	1.0
6	155	Blue	5	100	30	1840	834.6	34.3	1.0

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

## SPEEDCOUPLE RIGID METAL CONDUIT WEIGHTS, DIMENSIONS AND PACKAGING (10' AND 20' LENGTHS)

TRADE SIZE	OUTSIDE DIAMETER	INSIDE DIAMETER*	LBS./FT.	MASTER BUNDLES—10'			MASTER BUNDLES—20'		
				ft.	pieces	lbs.	ft.	pieces	lbs.
2	2.375	2.083	3.32	450	45	1494	600	30	1992
2½	2.875	2.489	5.27	400	40	2108	360	18	1897
3	3.500	3.090	6.82	300	30	2046	300	15	2046
3½	4.000	3.570	8.31	250	25	2078	240	12	1994
4	4.500	4.050	9.72	200	20	1944	200	10	1944
5	5.563	5.073	13.14	150	15	1971	140	7	1840

\*Note: SpeedCouple rigid metal conduit shall be listed to safety standards UL-6 and UL-514B. Manufactured in accordance with ANSI C80.1.



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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 pre-installed swivel coupling, and SmartSet™ EMT with built-in set screw coupling.

For more information, contact Wheatland Tube at:

**800.257.8182** or **info@wheatland.com**

Or, visit our website at [wheatland.com](http://wheatland.com)

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