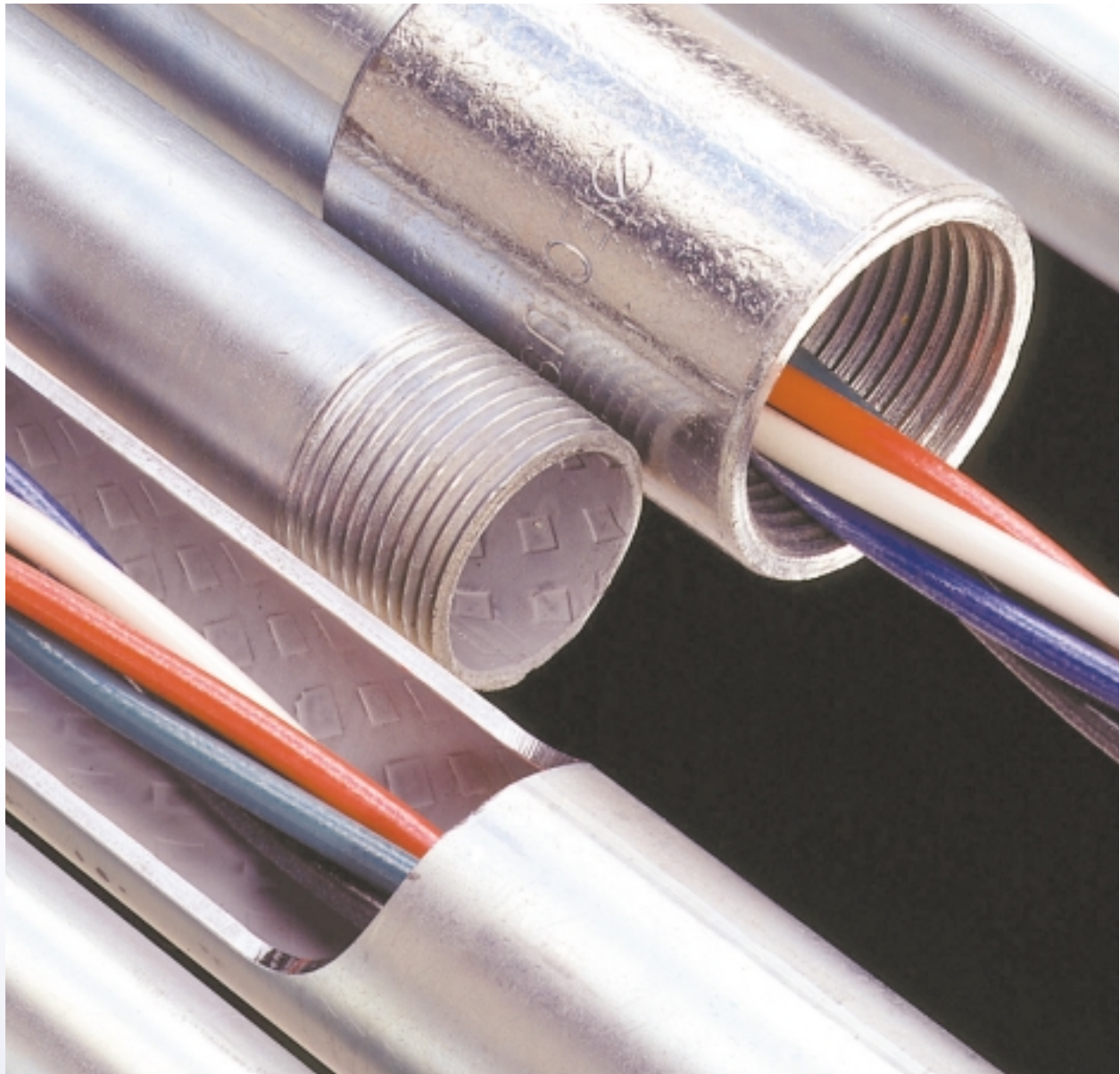




Republicconduit™

Demand The Brand®

Maverick Tube Corporation



Intermediate Metal Conduit (IMC)



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Republic Conduit's Intermediate Metal Conduit is manufactured from high-quality, flat-rolled, domestic steel. Produced by the electric resistance welding (ERW) process, the finished tube is uniform in OD size, wall thickness and ductility.

IMC offers lower material costs because of its thin walls and lower shipping costs because of its light weight. Its consistently accurate metallurgical properties and smooth surfaces reduce installation costs.

Special Product Features

Features of Republic Conduit IMC include:

- The OD surface and threads are protected by a coating of zinc. An additional chromate treatment provides further protection against corrosion.
- IMC features a smooth finish on the entire ID surface for easier pulling and pushing and is identified by our Silverslick® trademark. 1/2", 3/4" and 1" sizes are also knurled along the inside surface to reduce friction and speed wire installation.
- IMC is fire safe. It doesn't burn, decompose or give off harmful smoke or gases in a fire. It provides a quality, magnetically shielded and grounded electrical wiring system.



Specifications

IMC is produced to the following specifications:

- American National Standards Institute – American National Standard for Electrical Intermediate Metal Conduit (EIMC) ANSI, C80.6
- Underwriters Laboratories Standard for Electrical Intermediate Metal Conduit - Steel, UL 1242
- National Electric Code, 2002 Article 342 (1999 NEC, Article 345)
- Federal Specification WW-C-581 (Class 2 Type A)
The above specification may still be referenced, however the federal government has canceled it and has adopted the UL 1242 standard.

The Benefits of Steel Conduit

here are a number of advantages to the use of steel conduit:

- Simple installation
- EMI shielding
- System grounding
- Physical and mechanical protection
- Chemical compatibility with concrete
- Fire resistance/protection
- Impact resistance
- Lower life-cycle costs
- Complete recyclability
- Manufactured for long life

Product Availability

Republic Conduit IMC is manufactured in 10' lengths with couplings on one end. It is available in standard trade sizes through 4". Please refer to the chart on the reverse side of this data sheet for complete size and weight information. Inventories are maintained by leading distributors throughout North America.

Threaded IMC is supplied with color coded end caps for easier size identification and thread protection, as shown on the chart on the reverse side.



No Hassle Quality Guarantee

If at any time within one year of the date of shipment of our Republic Conduit™ products from our facilities, you are not satisfied with the quality of the electrical conduit products purchased from Republic Conduit™, we will promptly replace the material – free of charge. This guarantee applies to all of our electrical conduit products except where environmental conditions preclude one year of service life.

IMC Dimensions and Weights Chart

The values stated in feet/pound units are to be the standard. The metric equivalents may be approximate.

Trade Size Designator		Outside Diameter				Wall Thickness				Nominal Weight Per 100 Feet		Feet Per Bundle	Standard Lifts				Length Without Coupling	Threads Per In.
US	Metric	Minimum		Maximum		Minimum		Maximum		LBS	KG		Length		Weight			
		IN	mm	IN	mm	IN	mm	IN	mm			FEET	M	LBS	KG			
1/2	16	.810	20.57	.820	20.83	.070	1.78	.085	2.16	62	28.1	100	3500	1067.5	2170	984.1	9' 11-1/4"	14
3/4	21	1.024	26.01	1.034	26.26	.075	1.91	.090	2.29	84	38.1	50	2500	762.5	2100	952.4	9' 11-1/4"	14
1	27	1.285	32.64	1.295	32.89	.085	2.16	.100	2.54	119	54.0	50	1700	518.5	2023	917.5	9' 11"	11.5
1-1/4	35	1.630	41.40	1.645	41.78	.085	2.16	.100	2.54	158	71.7	-	1350	411.8	2133	967.3	9' 11"	11.5
1-1/2	41	1.875	47.63	1.890	48.01	.090	2.29	.105	2.67	194	88.0	-	1100	335.5	2134	967.8	9' 11"	11.5
2	53	2.352	59.74	2.367	60.12	.095	2.41	.110	2.79	256	116.1	-	800	244.0	2048	928.8	9' 11"	11.5
2-1/2	63	2.847	72.31	2.867	72.82	.140	3.56	.160	4.06	441	200.0	-	370	112.9	1632	740.1	9' 10-1/2"	8
3	78	3.466	88.04	3.486	88.54	.140	3.56	.160	4.06	543	246.3	-	300	91.5	1629	738.8	9' 10-1/2"	8
3-1/2	91	3.961	100.61	3.981	101.12	.140	3.56	.160	4.06	629	285.3	-	240	73.2	1510	684.8	9' 10-1/4"	8
4	103	4.456	113.18	4.476	113.69	.140	3.56	.160	4.06	700	317.5	-	240	73.2	1680	761.9	9' 10-1/4"	8

*IMC in these sizes is furnished with knurled inside finish.

All sizes are furnished in 10' lengths with +1/4" (+6.35 mm) tolerance. OD size same as corresponding sizes of rigid conduit.

IMC Conduit Color Code - Bundle Tape Chart

PRODUCT	SIZE, IN.	COLOR CODE	METHOD
IMC Steel Conduit	1/4 sizes 1/2 sizes 1 sizes	Green Yellow Orange	End Caps End Caps End Caps



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