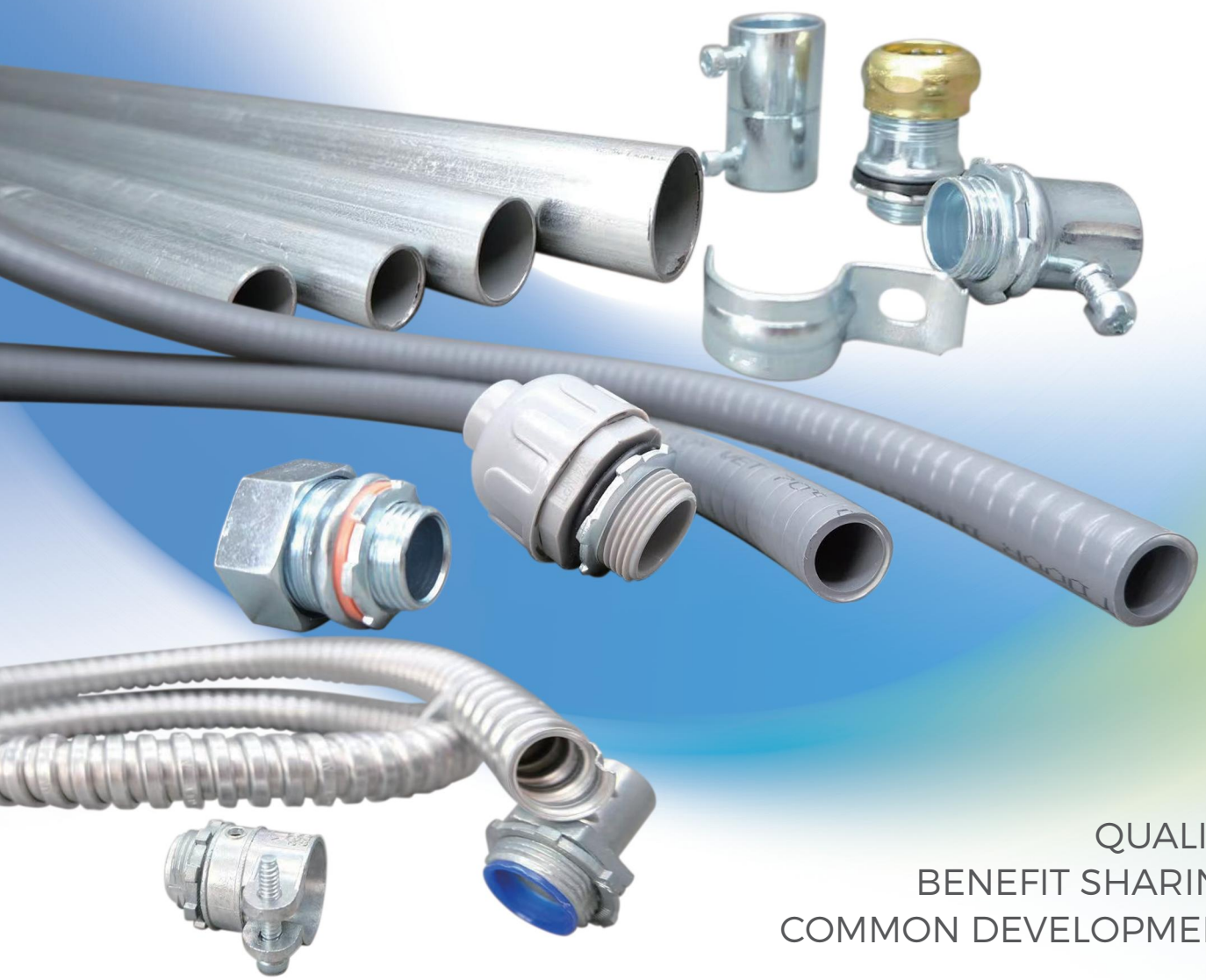
ELECTRICAL METAL CONDUIT

SINCE 2000



QUALITY
BENEFIT SHARING
COMMON DEVELOPMENT

Changzhou Yinlei Electronic Co.,Ltd.
Yinlei Electric (Thailand) Co.,Ltd.

Company Introduction

Changzhou Yinlei Electronic Co., Ltd. was established in 2000 and is located in Changzhou city, Jiangsu province near to Shanghai with area of 25,000 square meters and two hundred staffs. We established a new factory in Thailand in 2021. We are the powerful professional manufacturer on electronic products for over 20 years. Our main market is North America, South America, Middle East Countries, Asia.

Our main products are conduit bodies, weatherproof box, EMT & RIGID & Flex fittings, Flexible conduits and so on. We are fitted with kinds of advanced equipment, auto - packing ma-chines, auto - assembling machines, powder coating lines, horizontal cold die casting ma-chines, stamping machines, chamfering machines, etc. All products are produced in - house to make sure the quality is to be controlled well. ERP system has been set up to manage all processes for years.

UL laboratory fit with professional devices ensures our products complying with UL Standard for both testing and inspection. R & D team with experts and technicians has great ability keep-ing on innovation and new designs.

Changzhou Yinlei is committed to quality, benefit sharing, common development. We are serving our customers with excellent quality products, beneficial prices and experienced service.Changzhou Yinlei Electronic Co., Ltd. was established in 2000 and is located in Changzhou city, Jiangsu province near to Shanghai with area of 25,000 square meters and two hundred staffs. We established a new factory in Thailand in 2021. We are the powerful professional manufacturer on electronic products for over 20 years. Our main market is North America, South America, Middle East Countries, Asia.





ELECTRICAL METAL TUBING (EMT)



This thin-walled conduit is easy to install, flexible, cost-efficient, and lighter than other types of conduits. EMT still offers corrosion protection, thanks to a hot-dip galvanization process, and its bendability means workers can use hand tools to maneuver it into tight spaces.

One drawback of EMT is that workers need fittings and couplings, like compression fittings and set screws, to connect pieces together.

Applications: Electrical metal tubing is well-suited for commercial and residential low-voltage installations, including wiring and controls. It doesn’ t offer much impact resistance, so it’ s better to use EMT in aerial or vertical applications attached to a structure.

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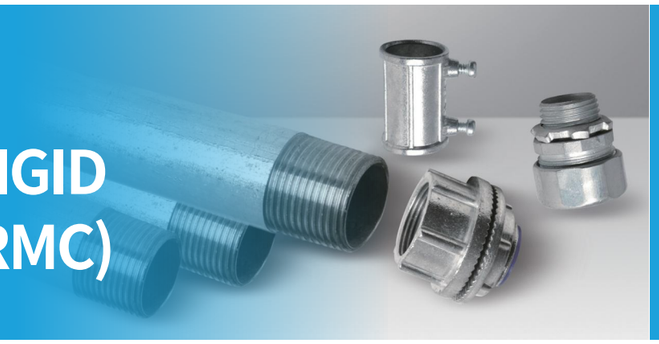


ELECTRICAL METALLIC TUBING (E.M.T.) - STEEL



CATALOG NUMBER	TRADE SIZE	OUTSIDE (MM)	THICKNESS (MM)
98101	1/2"	17.93	1.07
98102	3/4"	23.42	1.24
98103	1"	29.54	1.45
98104	1 1/4"	38.40	1.60
98105	1 1/2"	44.20	1.65
98106	2"	55.80	1.65
98107	2 1/2"	73.03	1.83
98108	3"	88.90	1.83
98109	3 1/2"	101.60	2.10
98110	4"	114.30	2.11

GALVANIZED RIGID CONDUIT (GRC) / RIGID METAL CONDUIT (RMC)



Galvanized rigid conduit is a strong, durable, thick-walled steel tubing made using a hot-dip galvanization process to help avoid corrosion. In specific installations, GRC also serves as a grounding material.

Although it provides outstanding protection for electrical wiring, it comes at a cost. GRC is heavy and sometimes difficult to work with, and if workers need to change direction for a bend, they need threaded fittings and bending tools.

Applications: GRC is common in industrial locations and other hazardous areas where corrosion is possible.



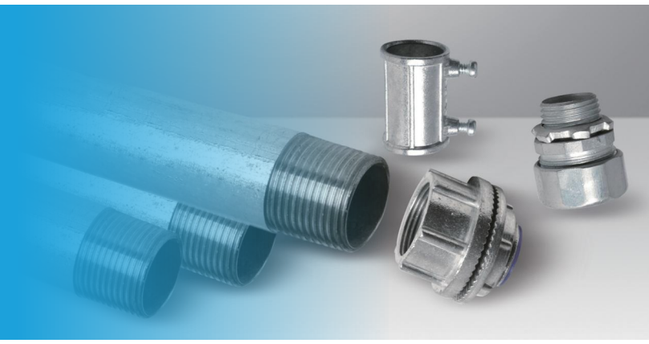


RIGID METAL CONDUIT - STEEL



CATALOG NUMBER	TRADE SIZE	OUTSIDE (MM)	THICKNESS (MM)
98201	1/2"	21.34	2.64
98202	3/4"	26.67	2.72
98203	1"	33.4	3.2
98204	1 1/4"	42.16	3.38
98205	1 1/2"	48.26	3.51
98206	2"	60.33	3.71
98207	2 1/2"	73.03	4.9
98208	3"	88.9	5.21
98209	3 1/2"	101.6	5.46
98210	4"	114.3	5.72
98211	5"	-	-
98212	6"	-	-

INTERMEDIATE METAL CONDUIT (IMC)

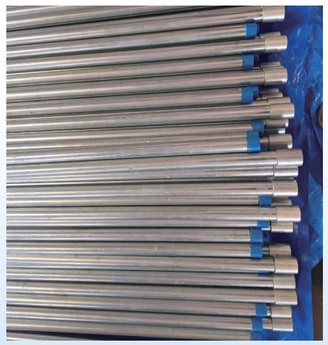


Intermediate metal conduit has a thinner wall than GRC but is easier to work with and more cost-effective. It offers strong protection for wire and cable and is often used when GRC might be overkill.

Like GRC, intermediate metal conduit is galvanized to protect against corrosion and may be threaded for faster connections when making bends or terminations.

Applications: IMC is excellent for commercial and residential spaces, including along walls and ceilings and in areas where corrosion poses a risk.





INTERMEDIATE METAL CONDUIT - IMC - STEEL



CATALOG NUMBER	TRADE SIZE	OUTSIDE (MM)	THICKNESS (MM)
98301	1/2"	20.7	1.98
98302	3/4"	26.1	2.1
98303	1"	32.8	2.35
98304	1 1/4"	41.6	2.42
98305	1 1/2"	47.8	2.54
98306	2"	59.9	2.67
98307	2 1/2"	72.6	3.81
98308	3"	88.3	3.81
98309	3 1/2"	100.9	3.81
98310	4"	113.4	3.81

LIQUID-TIGHT FLEXIBLE METAL CONDUIT (LIQUID-TIGHT CONDUIT)



Liquid-Tight Flexible Metal Conduit combines the flexibility of FMC with a watertight PVC jacket to help it excel in wet environments.

Although Liquid-Tight Conduit bends, the PVC jacket causes it to be more rigid than FMC. However, the jacket makes this conduit suitable for outdoor applications, including spots where excessive sunlight is an issue.

Applications: Liquid-Tight Conduit works well in areas where wires need protection from extensive moisture and splashing water, including boatyards, cranes, and service entrance installs.

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LIQUID - TIGHT COVERED STEEL FLEXIBLE CONDUIT

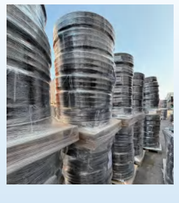
CATALOG NUMBER	TRADE SIZE	INTERNAL DIAMETER Min/Max(MM)	EXTERNAL DIAMETER Min/Max(MM)
98701	3/8"	12.3/12.8	17.5/18.0
98702	1/2"	15.8/16.3	20.8/21.3
98703	3/4"	20.7/21.2	26.2/26.7
98704	1"	26.4/26.8	32.7/33.4
98705	1 - 1/4"	35.05/35.4	41.4/42.2
98706	1 - 1/2"	40.1/40.6	47.4/48.3
98707	2"	51.3/51.9	59.4/60.3
98708	2 - 1/2"	63.0/63.6	72.1/73.0
98709	3"	78.0/78.8	87.9/88.9
98710	3 - 1/2"	88.90-89.92	100.58-101.6
98711	4"	101.6/102.6	113.2/114.3



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E540070

LIQUID - TIGHT PVC FLEXIBLE CONDUIT

CATALOG NUMBER	TRADE SIZE	INTERNAL DIAMETER Min/Max(MM)	EXTERNAL DIAMETER Min/Max(MM)
98801	3/8"	12.29-12.80	17.53-18.03
98802	1/2"	15.80-16.31	20.83-21.34
98803	3/4"	20.83-21.34	26.16-26.67
98804	1"	26.44-27.08	32.77-33.40
98805	1 - 1/4"	35.05-35.81	41.40-42.16
98806	1 - 1/2"	40.01-40.64	47.37-48.26
98807	2"	51.31-51.94	59.44-60.33





FLEXIBLE METAL CONDUIT (FMC)



Flexible metal conduit is bendable and easy for workers to manipulate. Made from interlocked metal bands, FMC offers good protection and excels in tight areas where the conduit must bend to fit.

Despite being easy to work with, the interlocking bands leave FMC susceptible to moisture if improperly prepped. The bands also have sharp edges, so installers should be careful to avoid damaging wires.

Applications: FMC is great for winding through tight or concealed spaces and near machinery where wires would have been exposed. For more use cases, check your NEC (National Electrical Code) codebook.



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GALVANIZED STEEL CONDUIT

CATALOG NUMBER	TRADE SIZE	INTERNAL DIAMETER Min/Max(MM)	EXTERNAL DIAMETER Min/Max(MM)
98401	3/8"	9.52/9.96	14.2/15.49
98402	1/2"	15.88/16.38	21.84/23.37
98403	3/4"	20.62/21.21	26.54/28.07
98404	1"	25.4/26.42	33.02/35.05
98405	1 - 1/4"	31.75/33.02	39.37/41.4
98406	1 - 1/2"	38.1/40.01	46.99/49.53
98407	2"	50.8/52.83	59.69/62.23
98408	2 - 1/2"	63.5/-	72.64/77.72
98409	3"	76.2/-	85.34/90.42
98410	3 - 1/2"	88.9/-	98.04/103.12
98411	4"	101.6/-	110.74/115.8



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REDUCING WALL FLEXIBLE CONDUIT - ALUMINUM

CATALOG NUMBER	TRADE SIZE	INTERNAL DIAMETER Min/Max(MM)	EXTERNAL DIAMETER Min/Max(MM)
98501	3/8"	9.52/9.98	14.22/15.49
98502	1/2"	15.87/16.38	21.84/23.36
98503	3/4"	21.62/21.20	26.54/28.06
98504	1"	25.4/26.4	33.02/35.05
98505	1 - 1/4"	31.75/33.02	39.37/41.40
98506	1 - 1/2"	38.10/40.0	46.99/49.53
98507	2"	50.8/52.83	59.69/62.23
98508	2 - 1/2"	63.5/-	72.64/77.72
98509	3"	76.2/-	85.34/90.42
98510	3 - 1/2"	88.9/-	98.04/103.12
98511	4"	101.6/-	110.74/115.84







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