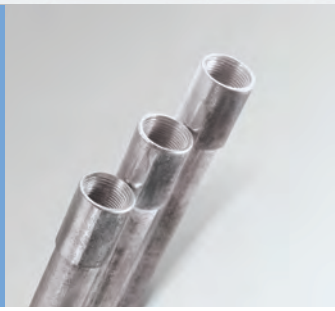
QUALITY TUBE®

Intermediate Metal Conduit

Submittal Sheet



Quality Tube's steel intermediate metal conduit provides exceptional physical protection for cables and connectors, including installations in hazardous locations. IMC contains 33% less steel than conventional rigid metal conduit, leading to a lighter weight and a larger inside diameter for faster wire pulling. Quality Tube's IMC is available in trade sizes ½–4.

Listing
Quality Tube's IMC is UL® Listed to UL-1242. It is manufactured in accordance with ANSI® C80.6 and federal specification WW-C-581.

Locations
Quality Tube's IMC meets the requirements of National Electrical Code® (NEC) Article 342 for use in indoor and outdoor locations and in wet and dry locations, including Class 1 Division 1 hazardous locations. The NEC recognizes IMC for the same use as rigid metal conduit.

Testing
Quality Tube performs regular tests of its IMC for weld strength, plating thickness, all dimensions, and uniform smoothness of the interior and exterior coatings.

Coating
Quality Tube's IMC is in-line galvanized, to provide protection against corrosion. Propietary ID coating for efficient wire installation.

Threading
Quality Tube's IMC is threaded to be interchangeable with rigid metal conduit fittings and elbows and requires no change in installation procedures. Compliant to NTP (ANSI B1.20.1)

SUBMITTAL INFORMATION

PROJECT: _____ CONTRACTOR: _____ DATE: _____

ENGINEER: _____ SPECIFICATION REFERENCE: _____ SYSTEM TYPE: _____

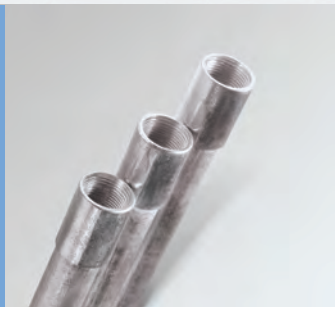
LOCATIONS: _____ COMMENTS: _____

10601 Clarence Dr., Suite 250 Frisco TX 75033 sales@qualitytubeusa.com 800-4CONDUIT | 833 426 6384

QUALITY TUBE®

Intermediate Metal Conduit

Submittal Sheet



IMC WEIGHTS AND DIMENSIONS (10' LENGTHS)

TRADE SIZE	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.	lbs.	in.	mm	in.	mm	in.	mm
½	14	9	11¼	62	0.815	20.70	0.660	16.76	0.078	1.97
¾	14	9	11¼	84	1.029	26.14	0.864	21.94	0.083	2.10
1	11½	9	11	119	1.290	32.77	1.105	28.07	0.093	2.35
1¼	11½	9	11	158	1.638	41.59	1.448	36.77	0.095	2.41
1½	11½	9	11	194	1.883	47.82	1.683	42.74	0.100	2.54
2	11½	9	11	256	2.360	59.93	2.150	54.60	0.105	2.67
2½	8	9	10½	441	2.857	72.57	2.557	64.95	0.150	3.81
3	8	9	10½	543	3.476	88.29	3.176	80.67	0.150	3.81
3½	8	9	10¼	629	3.971	100.86	3.671	93.24	0.150	3.81
4	8	9	10¼	700	4.466	113.44	4.166	105.82	0.150	3.81

** Figures are the average of the maximum and minimum dimensions as given in UL-1242.*
*** Calculated from nominal outside diameter and nominal wall thickness.*
Steel IMC is manufactured to produce a 10(3.05 m) length of conduit when a standard coupling is attached.

IMC PACKAGING (10' LENGTHS)

TRADE SIZE	THREAD PROTECTOR COLOR	QUANTITY/BUNDLE	QUANTITY/LIFT*			WEIGHT/LIFT
		ft.	Pieces	Bundles	ft.	lbs.
½	Yellow	100	—	35	3500	2170
¾	Green	50	—	50	2500	2100
1	Orange	50	—	34	1700	2023
1¼	Green	—	135	—	1350	2133
1½	Yellow	—	110	—	1100	2134
2	Orange	—	80	—	800	2048
2½	Yellow	—	37	—	370	1632
3	Orange	—	30	—	300	1629
3½	Yellow	—	24	—	240	1510
4	Orange	—	24	—	240	1680

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

ISO 9001:2000 CERTIFIED

File: E501712

10601 Clarence Dr., Suite 250 Frisco TX 75033 sales@qualitytubeusa.com 800-4CONDUIT | 833 426 6384