

Steel Intermediate Metal Conduit (IMC)



IMC WEIGHTS AND DIMENSIONS (10' LENGTHS)

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
1/2	16	14	9	11 1/4	3030	62	28.12	0.815	20.70	0.660	16.76	0.078	1.97
3/4	21	14	9	11 1/4	3030	84	38.10	1.029	26.14	0.869	22.07	0.083	2.10
1	27	11 1/2	9	11	3025	119	53.98	1.290	32.77	1.105	28.07	0.093	2.35
1 1/4	35	11 1/2	9	11	3025	158	71.67	1.638	41.59	1.448	36.77	0.095	2.41
1 1/2	41	11 1/2	9	11	3025	194	88.00	1.883	47.82	1.683	42.74	0.100	2.54
2	53	11 1/2	9	11	3025	256	116.12	2.360	59.93	2.150	54.60	0.105	2.67
2 1/2	63	8	9	10 1/2	3010	441	200.04	2.857	72.57	2.557	64.95	0.150	3.81
3	78	8	9	10 1/2	3010	543	246.30	3.476	88.29	3.176	80.67	0.150	3.81
3 1/2	91	8	9	10 1/4	3005	629	285.31	3.971	100.86	3.671	93.24	0.150	3.81
4	103	8	9	10 1/4	3005	700	317.52	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 Intermediate Metal Conduit is manufactured to produce a 10' (3.05 m) length of conduit when a standard coupling is attached.

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
1/2	16	Yellow	100	30.5	—	35	3500	1067	2170	984.3	26.4	0.7
3/4	21	Green	50	15.2	—	50	2500	762	2100	952.5	33.5	0.9
1	27	Orange	50	15.2	—	34	1700	518	2023	917.6	32.1	0.9
1 1/4	35	Green	—	—	135	—	1350	411	2133	967.5	34.7	1.0
1 1/2	41	Yellow	—	—	110	—	1100	335	2134	968.0	35.0	1.0
2	53	Orange	—	—	80	—	800	244	2048	929.0	30.9	0.9
2 1/2	63	Yellow	—	—	37	—	370	113	1632	740.3	33.5	0.9
3	78	Orange	—	—	30	—	300	91	1629	738.9	38.3	1.1
3 1/2	91	Yellow	—	—	24	—	240	73	1510	684.9	41.7	1.2
4	103	Orange	—	—	24	—	240	73	1680	762.0	48.6	1.4

* 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).