

Chapter 9, Table 4 EMT

Trade Size	Nominal Internal Diameter		Over 2 Wires 40%		Nipples 60%		1 Wire 53%		2 Wires 31%		Total Area 100%	
	mm	in.	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²
1/2	15.8	0.622	78	0.122	118	0.182	104	0.161	61	0.094	196	0.304
3/4	20.9	0.824	137	0.213	206	0.320	182	0.282	106	0.165	343	0.533
1	26.6	1.049	222	0.346	334	0.518	295	0.458	172	0.268	556	0.864
1-1/4	35.1	1.380	387	0.598	581	0.898	513	0.793	300	0.464	968	1.496
1-1/2	40.9	1.610	526	0.814	788	1.222	696	1.079	407	0.631	1,314	2.036
2	52.5	2.067	866	1.342	1,299	2.014	1,147	1.779	671	1.040	2,165	3.356
2-1/2	69.4	2.731	1,513	2.343	2,270	3.515	2,005	3.105	1,173	1.816	3,783	5.858
3	85.2	3.356	2,280	3.538	3,421	5.308	3,022	4.688	1,767	2.742	5,701	8.846
3-1/2	97.4	3.834	2,980	4.618	4,471	6.927	3,949	6.119	2,310	3.579	7,451	11.545
4	110.1	4.334	3,808	5.901	5,713	8.852	5,046	7.819	2,952	4.573	9,521	14.753

Chapter 9, Table 4 RMC

Trade Size	Nominal Internal Diameter		Over 2 Wires 40%		Nipples 60%		1 Wire 53%		2 Wires 31%		Total Area 100%	
	mm	in.	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²
1/2	16.1	0.632	82	0.126	122	0.188	108	0.166	63	0.097	204	0.314
3/4	21.2	0.836	141	0.22	212	0.329	187	0.291	109	0.17	353	0.549
1	27	1.063	229	0.355	344	0.532	304	0.47	178	0.275	573	0.887
1-1/4	35.4	1.394	394	0.61	590	0.916	522	0.809	305	0.473	984	1.526
1-1/2	41.2	1.624	533	0.828	800	1.243	706	1.098	413	0.642	1,333	2.071
2	52.9	2.083	879	1.363	1,319	2.045	1,165	1.806	681	1.056	2,198	3.408
2-1/2	63.2	2.489	1,255	1.946	1,882	2.92	1,663	2.579	972	1.508	3,137	4.866
3	78.5	3.09	1,936	3	2,904	4.499	2,565	3.974	1,500	2.325	4,840	7.499
3-1/2	90.7	3.57	2,584	4.004	3,877	6.006	3,424	5.305	2,003	3.103	6,461	10.01
4	102.9	4.05	3,326	5.153	4,990	7.729	4,407	6.827	2,578	3.993	8,316	12.882
5	128.9	5.073	5,220	8.085	7,830	12.127	6,916	10.712	4,046	6.266	13,050	20.212
6	154.8	6.093	7,528	11.663	11,293	17.495	9,975	15.454	5,835	9.039	18,821	29.158

Chapter 9, Table 4 PVC Schedule 40

Trade Size	Nominal Internal Diameter		Over 2 Wires 40%		Nipples 60%		1 Wire 53%		2 Wires 31%		Total Area 100%	
	mm	in.	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²	mm ²	in. ²
1/2	15.3	0.602	74	0.114	110	0.171	98	0.151	57	0.088	184	0.285
3/4	20.4	0.804	131	0.203	196	0.305	173	0.269	101	0.157	327	0.508
1	26.1	1.029	214	0.333	321	0.499	284	0.441	166	0.258	535	0.832
1-1/4	34.5	1.36	374	0.581	561	0.872	496	0.77	290	0.45	935	1.453
1-1/2	40.4	1.59	513	0.794	769	1.192	679	1.053	397	0.616	1,282	1.986
2	52	2.047	850	1.316	1,274	1.975	1,126	1.744	658	1.02	2,124	3.291
2-1/2	62.1	2.445	1,212	1.878	1,817	2.817	1,605	2.488	939	1.455	3,029	4.695
3	77.3	3.042	1,877	2.907	2,816	4.361	2,487	3.852	1,455	2.253	4,693	7.268
3-1/2	89.4	3.521	2,511	3.895	3,766	5.842	3,327	5.161	1,946	3.018	6,277	9.737
4	101.5	3.998	3,236	5.022	4,855	7.532	4,288	6.654	2,508	3.892	8,091	12.554
5	127.4	5.016	5,099	7.904	7,649	11.857	6,756	10.473	3,952	6.126	12,748	19.761
6	153.2	6.031	7,373	11.427	11,060	17.14	9,769	15.141	5,714	8.856	18,433	28.567