

PVC - Type THW

Building Wire

UL: 75°C, 600V, VW-1



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity ⁰¹
			in	mm	in	mm	lbs/1k ft	kg/km	
THW14	14	Solid	0.030	0.8	0.127	3.2	18	27	30
		7	0.030	0.8	0.133	3.4	19	28	30
		19	0.030	0.8	0.133	3.4	19	28	30
THW12	12	Solid	0.030	0.8	0.144	3.7	27	40	30
		7	0.030	0.8	0.153	3.9	27	41	35
		19	0.030	0.8	0.153	3.9	27	41	35
THW10	10	Solid	0.030	0.8	0.164	4.2	40	59	35
		19	0.030	0.8	0.178	4.5	41	60	50
		7	0.030	0.8	0.178	4.5	41	60	50
THW08	8	19	0.045	1.1	0.240	6.1	68	101	70
		7	0.045	1.1	0.240	6.1	68	101	70
THW06	6	7	0.060	1.5	0.306	7.8	109	162	95
		19	0.060	1.5	0.306	7.8	109	162	95
THW04	4	19	0.060	1.5	0.356	9.0	164	244	125

⁰¹ THW ampacities are for general use with ambient temperature @ 30°C per NEC Table 310.17

Notes

- Soft-annealed, bare copper conductor
- Polyvinyl chloride (PVC) insulation
- RoHS Compliant
- A variety of insulation colors available

Available Certifications

UL: 1283
 NEMA WC-5 / ICEA S-61-402
 Federal Spec. A-A-59544
 For CT Use

Applications

For use in manufacturing and appliance applications. Rated for continuous use up to 75°C.