

**Table 400.5(A)(1) Allowable Ampacity for Flexible Cords and Cables [Based on Ambient Temperature of 30°C (86°F). See 400.13 and Table 400.4.]**

<b>Copper Conductor Size (AWG)</b>	<b>Thermoplastic Types TPT, TST</b>	<b>Thermoset Types C, E, EO, PD, S, SJ, SJO, SJOW, SJOO, SJOOW, SO, SOW, SOO, SOOW, SP-1, SP-2, SP-3, SRD, SV, SVO, SVOO</b>		<b>Types HPD, HPN, HSJ, HSJO, HSJOO</b>
		<b>Thermoplastic Types ET, ETLB, ETP, ETT, SE, SEW, SEO, SEOW, SEOOW, SJE, SJEW, SJEQ, SJEOW, SJEQOW, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW, SPE-1, SPE-2, SPE-3, SPT-1, SPT-1W, SPT-2, SPT-2W, SPT-3, ST, SRDE, SRDT, STO, STOW, STOO, STQOW, SVE, SVEO, SVT, SVTO, SVTOO</b>		
		<b>Column A<sup>+</sup></b>	<b>Column B<sup>+</sup></b>	
27*	0.5	—	—	—
20	—	5**	***	—
18	—	7	10	10
17	—	9	12	13
16	—	10	13	15
15	—	12	16	17
14	—	15	18	20
12	—	20	25	30
10	—	25	30	35
8	—	35	40	—
6	—	45	55	—
4	—	60	70	—
2	—	80	95	—

\*Tinsel cord.

\*\*Elevator cables only.

\*\*\*7 amperes for elevator cables only; 2 amperes for other types.

+The allowable currents under Column A apply to 3-conductor cords and other multiconductor cords connected to utilization equipment so that only 3 conductors are current-carrying. The allowable currents under Column B apply to 2-conductor cords and other multiconductor cords connected to utilization equipment so that only 2 conductors are current-carrying.