

Flexible Cord Thermoset/Thermoplastic Types

Ampacity Data



A Viakable Company

SO, SOW, SOO, SOOW, STO, STOW, STOO, STOOW

Copper Conductor Size	Ampacity	
	Condition A	Condition B
18	7	10
16	10	13
14	15	18
12	20	25
10	25	30
8	35	40
6	45	55
4	60	70
2	80	95

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

Condition A: The allowable currents apply to 3-conductor cords and other multiconductor cords connected to utilization equipment so that only 3 conductors are current-carrying.

Condition B: The allowable currents apply to 2-conductor cords and other multiconductor cords connected to utilization equipment so that only 2 conductors are current-carrying.

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