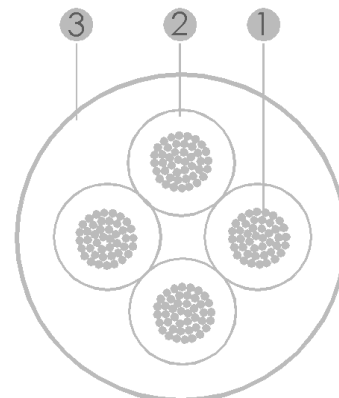


Flexible Cord SJTO OIL RESISTANT



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Cavo flessibile in PVC resistente agli oli, adatto per applicazioni pesanti. Idoneo per cablaggi in officine meccaniche, per connessioni di macchine utensili e macchine industriali dove si richiede resistenza al contatto con oli minerali.

PVC oil resistant flexible cord that is intended for hard usage. It is designed for wiring in mechanical workshops, for interconnection of industrial equipment and machine tools, everywhere a resistance to mineral oils is required.

COSTRUZIONE

CABLE STRUCTURE

1. Conduttore flessibile in rame elettrolitico rosso
Electrolytic bare flexible copper conductor
2. Isolamento in speciale PVC con elevata resistenza al calore
Special PVC insulation with high heat resistance
3. Guaina in speciale miscela di PVC con elevata resistenza al calore ed agli oli.
Special PVC compound outer sheath with high heat and oil resistance

Temperatura utilizzo
Temperature range



- 20 ÷ 105 °C
(@ fixed installation)
0 ÷ 105 °C
(for dynamic applications)

Tensione di esercizio
Rated voltage



300 V_{AC}

Tensione di prova
Test voltage



3000 V_{AC}

Resistenza agli oli
Oil resistance



UL 2556 clause 4.2.8.3,
CSA C22.2 No. 2556

Resistenza alla fiamma
Flame resistance



VW-1

Raggio di curvatura
Bending radius



≥ 8 x D
(@ fixed installation)
≥ 12 x D
(for dynamic applications)

Idoneo per posa mobile
Suitable for mobile installation



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Sezione <i>Size conductor</i>	Formazione conduttore <i>Conductor stranding</i> [N° x mm]	Resistenza elettrica <i>Electrical resistance</i> [Ω /Km]	Diametro su isolamento <i>Diameter on insulation</i> [mm]	Spessore di isolamento <i>Radial thickness of insulation</i> [mm / mils]
AWG 18	28 x 0.193	≤ 22.4	2.8 ± 0.1	$\geq 0.76 / 30$
AWG 16	44 x 0.193	≤ 14.1	3.1 ± 0.1	$\geq 0.76 / 30$
AWG 14	72 x 0.193	≤ 8.88	3.6 ± 0.1	$\geq 0.76 / 30$
AWG 12	74 x 0.243	≤ 5.58	3.95 ± 0.1	$\geq 0.76 / 30$
AWG 10	106 x 0.254	≤ 3.51	5.6 ± 0.1	$\geq 1.14 / 45$

Sezione <i>Size conductor</i>	Diametro esterno <i>Outer diameter</i> [mm]	Spessore guaina <i>Thickness of jacket</i> [mm / mils]
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2 x AWG 18	7.2 ± 0.2	$\geq 0.76 / 30$
3 x AWG 18	7.7 ± 0.2	
4 x AWG 18	8.4 ± 0.2	
5 x AWG 18	9.1 ± 0.2	
6 x AWG 18	9.9 ± 0.2	

2 x AWG 16	8.05 ± 0.2	$\geq 0.76 / 30$
3 x AWG 16	8.6 ± 0.2	
4 x AWG 16	9.2 ± 0.2	
5 x AWG 16	10.2 ± 0.2	
6 x AWG 16	11.2 ± 0.2	

2 x AWG 14	9.05 ± 0.2	$\geq 0.76 / 30$
3 x AWG 14	9.8 ± 0.2	
4 x AWG 14	10.5 ± 0.2	
5 x AWG 14	11.5 ± 0.2	
6 x AWG 14	12.6 ± 0.2	

Sezione <i>Size conductor</i>	Diametro esterno <i>Outer diameter</i> [mm]	Spessore guaina <i>Thickness of jacket</i> [mm]
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2 x AWG 12	10.4 ± 0.2	$\geq 1.14 / 45$
3 x AWG 12	11.0 ± 0.2	
4 x AWG 12	12.2 ± 0.2	
5 x AWG 12	13.4 ± 0.2	
6 x AWG 12	14.6 ± 0.2	

2 x AWG 10	14.4 ± 0.2	$\geq 1.52 / 60$
3 x AWG 10	15.2 ± 0.3	
4 x AWG 10	16.7 ± 0.3	
5 x AWG 10	18.5 ± 0.3	
6 x AWG 10	20.3 ± 0.4	

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Riferimento normativo <i>Standard reference</i>	UL 62, UL 1581, C22.2 No. 49-18 UL file No. E212322
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile in rame elettrolitico rosso, conforme alle norme UL 62, UL 1581 <i>Electrolytic bare flexible copper conductor conforming to UL 62 and UL 1581 requirements</i>
Isolamento <i>Insulation</i>	Speciale PVC con elevata resistenza al calore conforme alla classe 7 della Tabella 8 della norma UL 62 <i>Special PVC with high heat resistance conforming to Class 7 of Table 8 of standard UL 62</i>
Colore isolamento <i>Color of insulation</i>	Secondo UL 62 <i>Conforming to UL 62</i>
Riunitura <i>Cable assembly</i>	Le anime vengono riunite insieme, secondo i passi specificati dalla Tabella 10 della norma UL 62, e se necessario con filato in poliestere. <i>The inner cores are twisted together with length of lay conforming to Table 10 of UL 62 standard, and if it is necessary, together with a polyester filler.</i>
Guaina esterna <i>Outer sheath</i>	Speciale PVC con elevata resistenza al calore e agli oli, conforme alla classe 1.8 della Tabella 11 della norma UL 62. <i>Special PVC with high heat and oil resistance conforming to Class 1.8 of Table 11 of standard UL 62.</i>
Colore guaina <i>Color of sheath</i>	Su richiesta del cliente <i>On customer's request</i>
Marcatura ad inchiostro <i>Ink printing</i>	SALCAVI TECHNIC SPA ITALY SJTO No. conduttori X sezione AWG 300V 105°C VW-1 (UL) c(UL) E212322 OIL RESISTANT 60°C MM/AA <i>SALCAVI TECHNIC SPA ITALY SJTOW No. of conductors X AWG size (mm2 size) 300V 105°C VW-1 (UL) c(UL) E212322 OIL RESISTANT 60°C MM/YY</i>