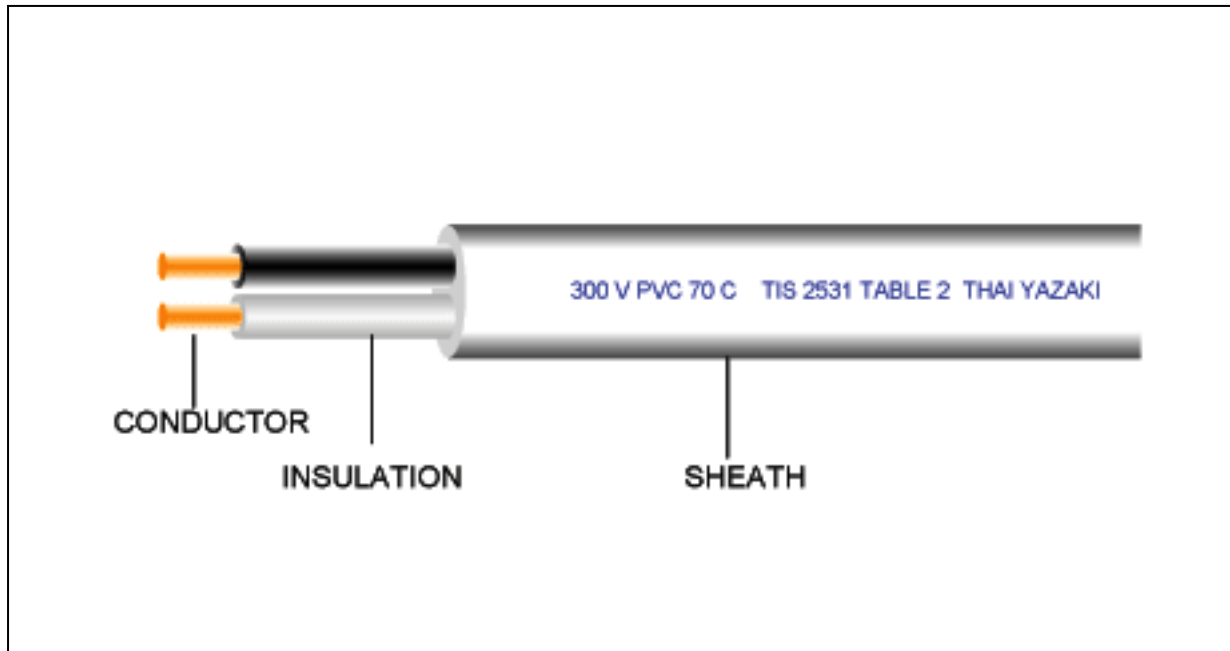


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# VAF

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## 300 V 70 °C PVC INSULATED AND SHEATHED FLAT TYPE



### CABLE STRUCTURE

<b>NUMBER OF CORE CONDUCTOR</b>	: 2-3 cores : Solid and stranded annealed copper : Sizes 0.5 mm <sup>2</sup> up to 35 mm <sup>2</sup> for 2-core and up to 16 mm <sup>2</sup> for 3-cores
<b>INSULATION</b>	: PVC : Color: 2 core-Light grey, Black : 3 core-Light grey, Black, Red
<b>SHEATH</b>	: PVC : Color: White
<b>CLASSIFICATION</b>	: Maximum conductor temperature 70 °C : Circuit voltage not exceeding 300 volts
<b>TESTING VOLTAGE</b>	: 2,000 volts
<b>REFERENCE</b>	: TIS 11-2531, Table 2



# VAF

**TIS 11-2531  
TABLE 2**

Number of core	Nominal cross section area (mm <sup>2</sup> )	Number and diameter of wire (No./mm)	Insulation Thickness (mm)	Sheath Thickness (mm)	Approx. overall Diameter (mm)		Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
					Lower limit	Upper limit				
2	0.5	1 / 0.80	0.6	0.9	3.6X5.6	4.4X6.8	0.0146	7	38	100/C
	1	1 / 1.13	0.6	0.9	4.0X6.2	4.8X7.4	0.0115	11	50	100/C
	1	7 / 0.43	0.6	0.9	4.0X6.4	5.0X7.8	0.0110	11	55	100/C
	1.5	1 / 1.38	0.6	1.2	4.8X7.2	5.8X8.6	0.0100	15	75	100/C
	1.5	7 / 0.53	0.6	1.2	4.9X7.4	6.0X9.2	0.0094	15	80	100/C
	2.5	1 / 1.78	0.7	1.2	5.4X8.4	6.4X10.0	0.0092	20	100	100/C
	2.5	7 / 0.67	0.7	1.2	5.6X8.8	6.8X10.5	0.0084	20	110	100/C
	4	1 / 2.25	0.8	1.2	6.0X9.8	7.2X11.5	0.0086	27	150	100/C
	4	7 / 0.85	0.8	1.2	6.2X10.0	7.6X12.0	0.0078	27	150	100/C
	6	7 / 1.04	0.8	1.2	6.8X11.0	8.2X13.5	0.0066	35	200	100/C
	10	7 / 1.35	0.9	1.2	8.0X13.0	9.4X16.0	0.0059	49	310	100/C
	16	7 / 1.70	1.0	1.2	9.2X16.0	11.0X18.5	0.0053	65	450	100/C
	25	7 / 2.14	1.2	1.4	11.0X19.5	13.0X22.5	0.0051	88	700	500/D
	35	19 / 1.53	1.2	1.4	12.0X22.0	14.5X25.0	0.0043	109	900	500/D
3	0.5	1 / 0.80	0.6	0.9	3.6X7.4	4.4X9.0	0.0146	6	55	100/C
	1	1 / 1.13	0.6	0.9	4.0X8.4	4.8X10.0	0.0115	9	75	100/C
	1	7 / 0.43	0.6	0.9	4.0X8.6	5.0X10.5	0.0110	9	80	100/C
	1.5	1 / 1.38	0.6	1.2	4.8X9.8	5.8X11.5	0.0100	12	100	100/C
	1.5	7 / 0.53	0.6	1.2	4.9X10.0	6.0X12.5	0.0094	12	110	100/C
	2.5	1 / 1.78	0.7	1.2	5.4X11.5	6.4X13.5	0.0092	16	150	100/C
	2.5	7 / 0.67	0.7	1.2	5.6X12.0	6.8X14.5	0.0084	16	160	100/C
	4	1 / 2.25	0.8	1.2	6.0X13.0	7.2X16.0	0.0086	22	210	100/C
	4	7 / 0.85	0.8	1.2	6.2X14.0	7.6X16.5	0.0078	22	230	100/C
	6	7 / 1.04	0.8	1.2	6.8X16.0	8.2X18.5	0.0066	29	300	100/C
	10	7 / 1.35	0.9	1.2	8.0X19.0	9.4X22.0	0.0059	40	450	500/D
	16	7 / 1.70	1.0	1.4	9.6X23.0	11.5X26.5	0.0053	53	700	500/D

TISI Permitted to increase the maximum overall diameter by 5 %

C: Packing in coil.

D: Packing in drum.