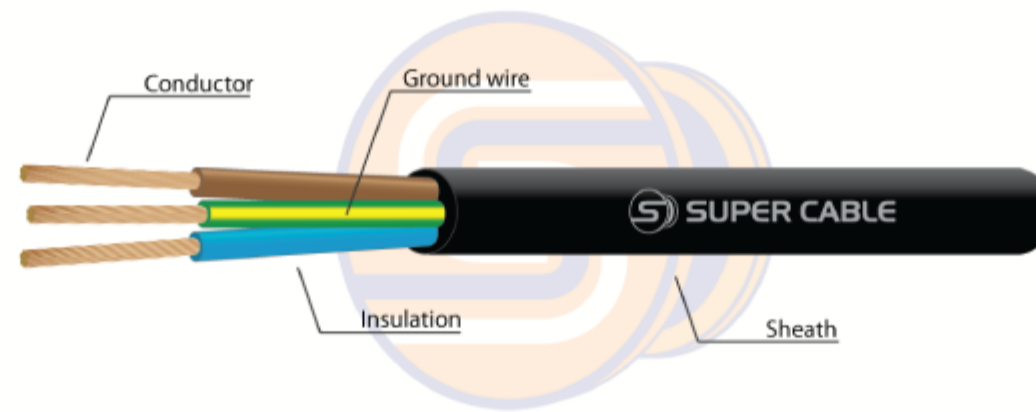


# VCT-G

450/750 V. 70 °C FLEXIBLE CONDUCTOR

PVC INSULATED AND SHEATHED, 2 CORES WITH GROUND



## APPLICATION

- Use for general purpose
- Use for connecting electric appliance
- Laid on cable trays
- install in duct in ground or direct burial in ground

TESTING VOLTAGE : 2,500 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 101, TABLE 8

## CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 4/4 - 35/16 mm<sup>2</sup>

INSULATION : Polyvinyl chloride type PVC/D

SHEATHED : Polyvinyl chloride type PVC/ST5

## CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

450/750 Volts (U<sub>0</sub>/U)

450 Volts between Line to Earth (U<sub>0</sub>)

750 Volts between Line to Line (U)

## Technical Data



TIS 11-2553 PART 101, TABLE 8

Nominal cross sectional area	Conductor type	Phase Core			Ground Core			Nominal sheathed thickness	Overall diameter (approx.)	Maximum conductor resistance at 20°C (Phase)	Maximum conductor resistance at 20°C (Ground)	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
		Number of wires	Diameter (approx.)	Nominal insulation thickness	Number of wires	Diameter (approx.)	Nominal insulation thickness								
mm <sup>2</sup>	Class	No.	mm	mm	No.	mm	mm	mm	mm	Ω/km	Ω/km	mΩ-km	A	kg/km	m
4/4	5	56	0.31	0.9	56	0.31	0.9	1.6	15.5	4.95	4.95	0.0084	30	280	100/C
6/6	5	84	0.31	0.9	84	0.31	0.9	1.8	17.5	3.30	3.30	0.0071	39	400	100/C
10/10	5	80	0.41	1.1	80	0.41	1.1	2.0	21.5	1.91	1.91	0.0068	51	650	1,000/D
16/16	5	126	0.41	1.1	126	0.41	1.1	2.4	25.0	1.21	1.21	0.0050	73	900	1,000/D
25/16	5	196	0.41	1.3	126	0.41	1.1	2.6	28.5	0.780	1.21	0.0048	97	1,200	1,000/D
35/16	5	276	0.41	1.3	126	0.41	1.1	2.8	31.5	0.554	1.21	0.0041	140	1,500	1,000/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

Core Color : Blue, Brown, Green/Yellow

การใช้งาน

- ใช้งานทั่วไป
- ใช้ต่อเข้าเครื่องใช้ไฟฟ้า
- วางบนรางเคเบิล
- ร้อยท่อฝังดินหรือฝังดินโดยตรง