

# VCT

450/750 V. 70°C FLEXIBLE CONDUCTOR

PVC INSULATED AND SHEATHED, SINGLE CORE



## 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 7

## CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

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

INSULATION : Polyvinyl chloride type PVC/D

SHEATHED : Polyvinyl chloride type PVC/ST5

CORE IDENTIFICATION :

Single core, color as request

## 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 7

Nominal cross sectional area	Conductor type	Maximum Diameter of wires	Diameter (approx.)	Nominal insulation thickness	Nominal sheathed thickness	Maximum Overall diameter	Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
mm <sup>2</sup>	Class	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
4	5	0.31	2.59	0.9	1.4	8.6	4.95	0.0084	30	90	100/C
6	5	0.31	3.59	0.9	1.4	9.4	3.30	0.0071	39	120	100/C
10	5	0.41	4.67	1.1	1.8	12.0	1.91	0.0068	51	210	500/D
16	5	0.41	5.86	1.1	1.8	13.5	1.21	0.0050	73	270	500/D
25	5	0.41	7.31	1.3	2.2	16.0	0.780	0.0048	97	410	500/D
35	5	0.41	8.67	1.3	2.2	17.5	0.554	0.0041	140	550	500/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

การใช้งาน

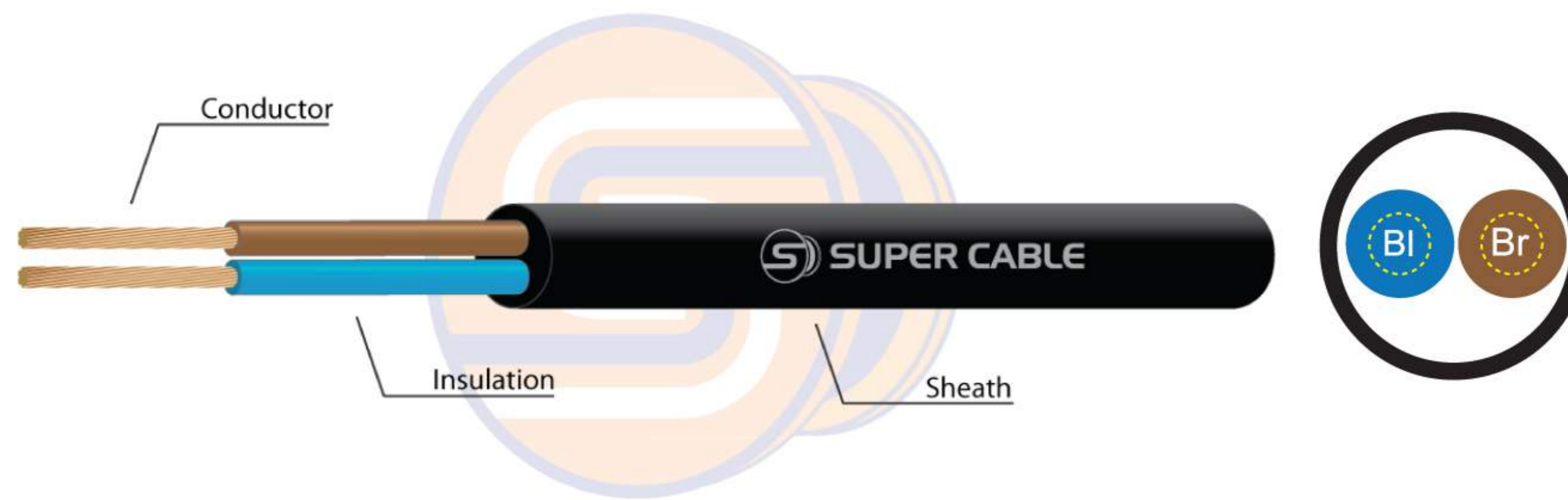
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# VCT

450/750 V. 70°C FLEXIBLE CONDUCTOR  
PVC INSULATED AND SHEATHED, 2 CORES



## 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 7

## CABLE STRUCTURE

**CONDUCTOR** : Flexible Annealed Copper

CLASS 5 Size 4 - 35 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 7

Nominal cross sectional area	Conductor type	Maximum Diameter of wires	Diameter (approx.)	Nominal insulation thickness	Nominal sheathed thickness	Maximum Overall diameter	Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
mm <sup>2</sup>	Class	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
4	5	0.31	2.59	0.9	1.6	14.5	4.95	0.0084	30	230	100/C
6	5	0.31	3.59	0.9	1.6	16.0	3.30	0.0071	39	320	100/C
10	5	0.41	4.67	1.1	1.8	20.0	1.91	0.0068	51	500	500/D
16	5	0.41	5.86	1.1	2.2	23.0	1.21	0.0050	73	700	500/D
25	5	0.41	7.31	1.3	2.4	27.5	0.780	0.0048	97	1,000	500/D
35	5	0.41	8.67	1.3	2.6	31.0	0.554	0.0041	140	1,400	500/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

Core Color : Blue, Brown

การใช้งาน

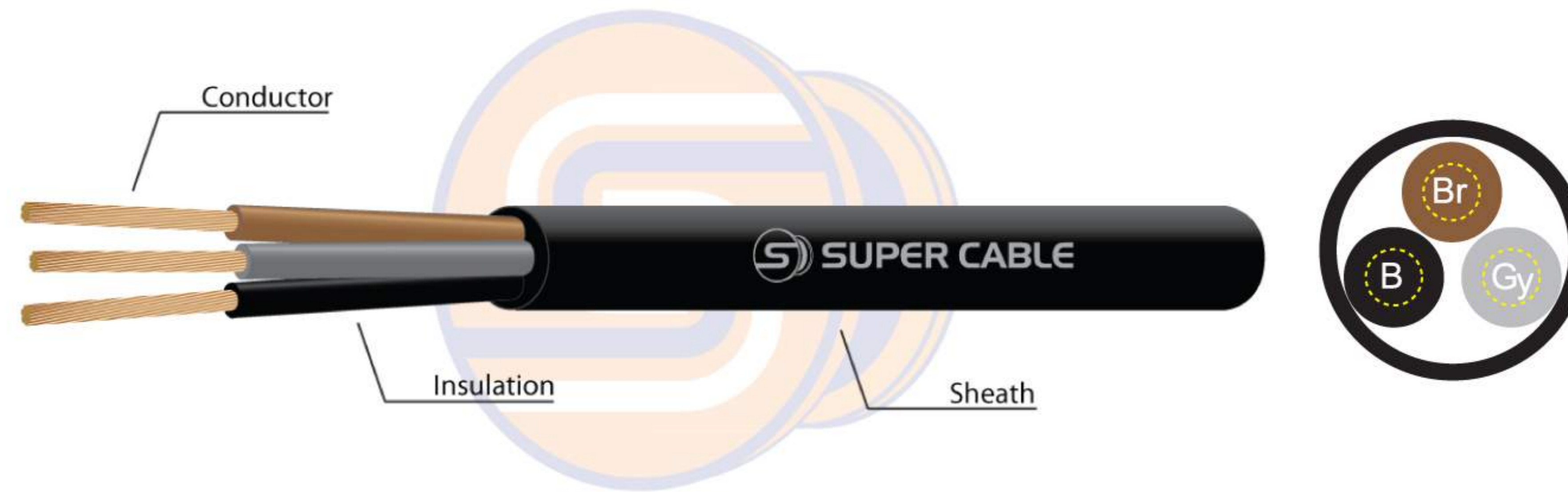
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# VCT

450/750 V. 70°C FLEXIBLE CONDUCTOR  
PVC INSULATED AND SHEATHED, 3 CORES



## 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 7

## CABLE STRUCTURE

**CONDUCTOR** : Flexible Annealed Copper

CLASS 5 Size 4 - 35 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 7

Nominal cross sectional area	Conductor type	Maximum Diameter of wires	Diameter (approx.)	Nominal insulation thickness	Nominal sheathed thickness	Maximum Overall diameter	Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
mm <sup>2</sup>	Class	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
4	5	0.31	2.59	0.9	1.6	15.5	4.95	0.0084	26	280	100/C
6	5	0.31	3.59	0.9	1.8	17.5	3.30	0.0071	34	390	100/C
10	5	0.41	4.67	1.1	2.0	21.5	1.91	0.0068	47	650	500/D
16	5	0.41	5.86	1.1	2.4	25.0	1.21	0.0050	63	900	500/D
25	5	0.41	7.31	1.3	2.6	30.0	0.780	0.0048	83	1,300	500/D
35	5	0.41	8.67	1.3	2.8	33.5	0.554	0.0041	102	1,700	500/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

Core Color : Brown, Black, Grey

การใช้งาน

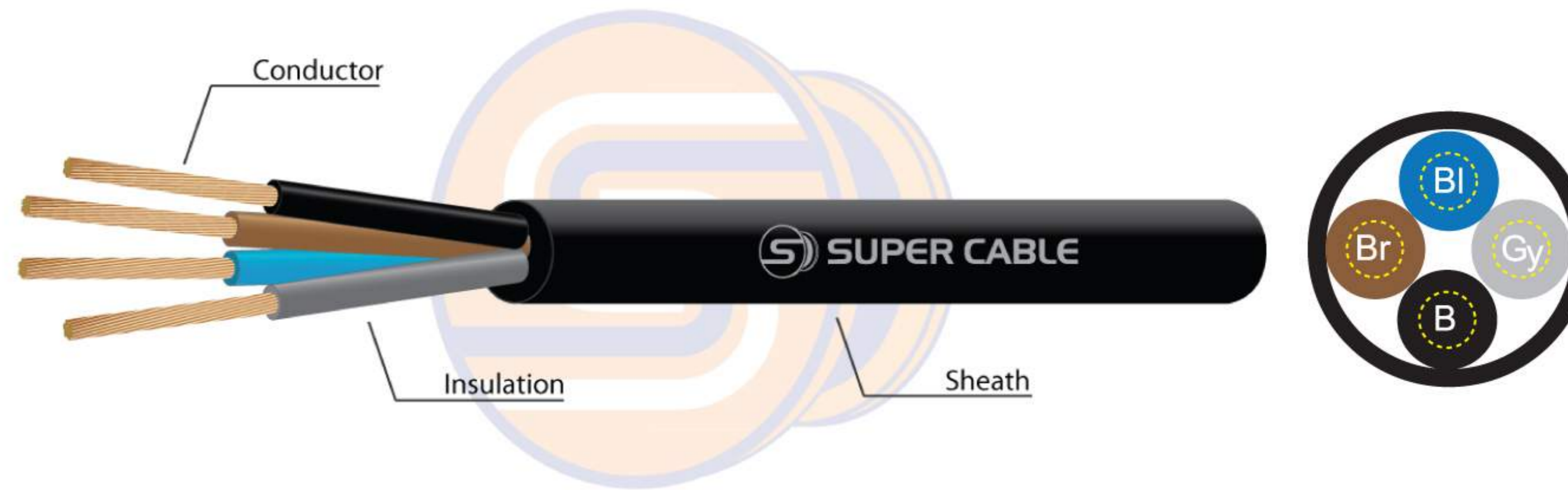
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# VCT

450/750 V. 70°C FLEXIBLE CONDUCTOR  
PVC INSULATED AND SHEATHED, 4 CORES



## 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 7

## CABLE STRUCTURE

**CONDUCTOR** : Flexible Annealed Copper

CLASS 5 Size 4 - 35 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 7

Nominal cross sectional area	Conductor type	Maximum Diameter of wires	Diameter (approx.)	Nominal insulation thickness	Nominal sheathed thickness	Maximum Overall diameter	Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
mm <sup>2</sup>	Class	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
4	5	0.31	2.59	0.9	1.8	17.0	4.95	0.0084	26	350	100/C
6	5	0.31	3.59	0.9	2.0	19.5	3.30	0.0071	34	490	100/C
10	5	0.41	4.67	1.1	2.2	24.0	1.91	0.0068	47	800	500/D
16	5	0.41	5.86	1.1	2.6	28.0	1.21	0.0050	63	1,100	500/D
25	5	0.41	7.31	1.3	2.8	33.0	0.780	0.0048	83	1,700	500/D
35	5	0.41	8.67	1.3	3.1	37.0	0.554	0.0041	102	2,200	500/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

Core Color : Blue, Brown, Black, Grey

การใช้งาน

- ใช้งานทั่วไป
- ใช้ต่อเข้าเครื่องใช้ไฟฟ้า
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