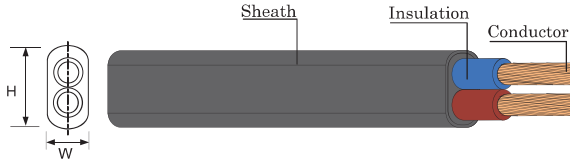


300/300 V 90 °C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH, FLAT TYPE

TIS 11 Part 5-2553



**CABLE STRUCTURE**

- Conductor** : Flexible annealed copper  
: Sizes 0.5 mm<sup>2</sup> up to 0.75 mm<sup>2</sup>
- Insulation** : Polyvinyl chloride (PVC/E)
- Core identification**  
2 Cores : Blue and Brown
- Sheath** : Black polyvinyl chloride (PVC/ST10)

**TECHNICAL DATA**

- Classification** : Maximum conductor temperature 90°C  
: Circuit voltage not exceeding 300/300 Volts
- Rated voltage** : 300 Volts between Line to Earth  
: 300 Volts between Line to Line
- Testing voltage** : 2,000 Volts
- Reference standard** : TIS 11 Part 5-2553 Table 11

**APPLICATION**

For household appliances, electrical equipment and electrical illumination.

Number of cores	Nominal cross sectional area (mm <sup>2</sup> )	Conductor type	Insulation thickness nominal (mm)	Outer sheath thickness nominal (mm)	Overall diameter		Conductor resistance at 20°C maximum (Ω/km)	Insulation resistance at 90°C minimum (MΩ-km)	Continuous current rating in free air at 40°C maximum (A)	Cable weight approx. (kg/km)	Standard Length (m)
					W x H Minimum (mm)	W x H Maximum (mm)					
2	0.5	Flexible	0.5	0.6	3.0 x 4.9	3.7 x 5.9	39.0	0.012	3	28	100/C
	0.75	Flexible	0.5	0.6	3.2 x 5.2	3.8 x 6.3	26.0	0.010	6	35	100/C

C = Packing in coil

B