



# SPECIFICATION

for

**0.6/1kV THOMFLEX-SIL(M)6Y**

Tech Spec No. : TCC-SPEC-110/2020

Issued date : 5th. Jun. 2020

Revised No. : -

Revised date : -

Prepared by JH Park  
**JH. Park**

Checked by Jun-sang, Bae  
**JS. Bae**

Approved by IG. Hwang  
**IG. Hwang**



Tech Spec No. : TCC-SPEC-110/2020

Revised No. : -

**Description : 0.6/1kV THOMFLEX-SIL(M)6Y**

Rated voltage : 0.6/1kV

Range of temp. : - 60 ~ 200℃ (Peak 230℃)

**Construction****Conductor**

Tinned annealed high-conductivity copper  
round bunch-stranded, Class 6

**Insulation**

FEP

**Core identification**

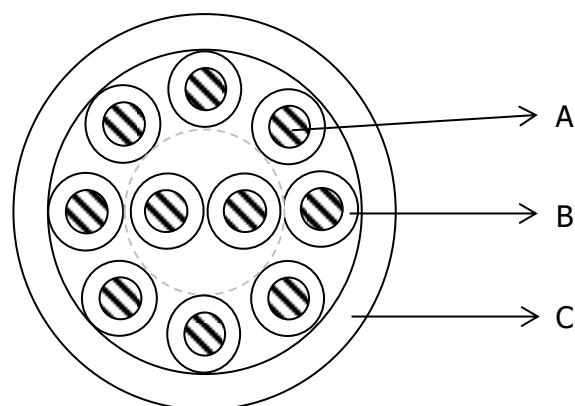
White cores with consecutive numbers  
with a green core

**Assembly**

Required cores shall be assembled  
with suitable binder

**Sheath**

HT-Silicone rubber, Reddish Brown

**Drawing**ex) 10 x 1.0mm<sup>2</sup>

A : Conductor

B : Insulation

C : Sheath

**Cable marking**

- Marking method & Interval : White ink printing with max. 1,000mm interval

**- Marking content**

ex) 0.6/1kV THOMFLEX-SIL (M) 6Y 10 x 1.0mm<sup>2</sup> THOMAS CABLE General marking

**Construction & Electrical table**

No. of cores & cross-sectional area	Diameter of conductor	Thickness of insulation	Diameter of insulation	Thickness of sheath	Overall diameter	Conductor Resistance at 20℃	Test voltage	Remark
(No. x mm <sup>2</sup> )	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
10 x 1.0	1.4	0.4	2.3	1.5	12.3	20.0	3.0	IEC 60332-1-2
16 x 1.0	1.4	0.4	2.3	1.7	14.3			