Thomas

SPECIFICATION

for

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

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

Issued date : 5th. Jun. 2020

Revised No. : 1

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Checked by

Approved by

IG. Hwang

Rev. No.	Rev. date	Contents
1	24.08.29	- Change of core identification (White → Black)

Thomas Thomas Cable Co.,Ltd.

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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

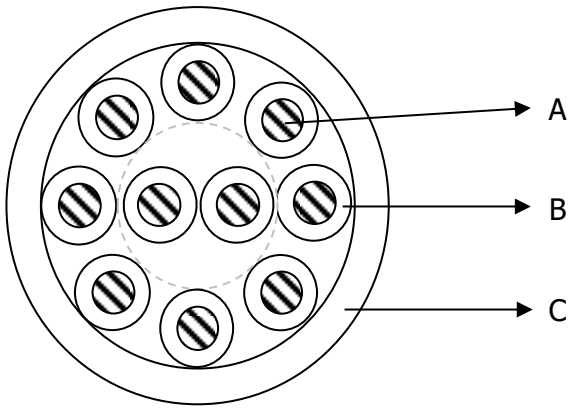
Core identification 1
Black cores with consecutive numbers with a green core

Assembly
Required cores shall be assembled with suitable binder

Sheath
HT-Silicone rubber, Reddish Brown

Drawing

ex) 10 x 1.0㎟



A : Conductor
B : Insulation
C : Sheath

Cable marking

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

- Marking content

ex) 0.6/1kV THOMFLEX-SIL (M) 6Y 10 x 1.0㎟ THOMAS CABLE General marking

Construction & Electrical table

No. of cores and cross-sectional area (No. x ㎟)	Diameter of conductor (nom.) (㎜)	Thickness of insulation (nom.) (㎜)	Diameter of insulation (nom.) (㎜)	Thickness of sheath (nom.) (㎜)	Overall diameter (nom.) (㎜)	Conductor resistance at 20℃ (max.) (Ω/km)	Test voltage (a.c) (kV/5min)	Remark
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			