



SPECIFICATION

for

0.6/1kV SAVAFLEX-1000 N.S

Tech Spec. No. : TCC-SPEC-159/2022

Issued date : 7th. Sep. 2022

Revised No. : 1

Revised date : 8th. Sep. 2022

Prepared by

JH Park

JH. Park

Checked by

[Signature]

Approved by

[Signature]

IG. Hwang

Rev No.	Rev. date	Contents
1	22.09.08	Add of item (3 x 150mm ² + 3 x 25mm ²)



Thomas Cable Co.,Ltd.



Tech Spec. No. : TCC-SPEC-159/2022

Revised No. : 1

Description : 0.6/1kV SAVAFLEX-1000 N.S

Rated voltage : 0.6/1kV

Ref. standard : IEC 60228, IEC 60502-1, IEC 60332-3-24

Construction**Conductor**

Plain annealed copper wire compacted
Circular stranded wires, class 2

Insulation

XLPE

Core identification

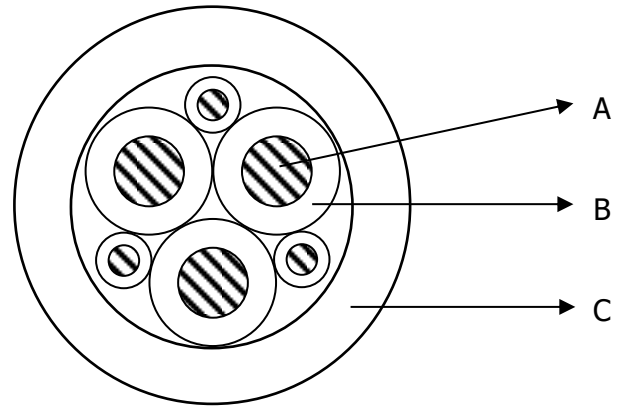
150mm², 240mm² : Brown, Black, Grey
25mm², 50mm² : Green

Assembly

Required cores shall be assembled
with suitable binder

Sheath

FR-PVC, Black (RAL 9005)

Drawingex) 3 x 240mm² + 3 x 50mm²

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 SAVAX SAVAFLEX-1000 3 x 240mm² + 3 x 50mm² N.S CE RoHS General marking

Construction & Electrical table

No of core and cross-sectional area	Diameter of conductor	Thickness of insulation	Thickness of sheath	Overall diameter	Conductor resistance at 20°C	Test voltage	Flame retardant
(No. x mm ²)	(nom.) (mm)	(min. avg.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
3 x 150 + 3 x 25	14.4	1.4	2.3	46.0	0.124	3.5	IEC 60332-3-24
	5.9	0.9			0.727		
3 x 240 + 3 x 50	18.3	1.7	2.6	57.0	0.0754		
	8.1	1.0			0.387		