



# SPECIFICATION

for

**0.6/1kV SAVAFLEX-FC REEL(EP/CR)-R**

Tech Spec. No. : TCC-SPEC-293/2023

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Prepared by *JH Park*

JH. Park

Checked by

*[Signature]*

Approved by

*[Signature]*

IG. Hwang



**Thomas Cable Co.,Ltd.**



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**Description : 0.6/1kV SAVAFLEX-REEL(EP/CR)-R**

Rated voltage : 0.6/1kV

**Construction**

**Conductor**

Tinned annealed copper round bunch-stranded, Class 5 with steel wire (up to 4mm<sup>2</sup>)

**Insulation**

EPR

**Core identification**

10mm<sup>2</sup> : Black, White, Red, Green

1.0mm<sup>2</sup> : Black cores with consecutive numbers

**Assembly**

Required cores shall be assembled with filler and suitable binder (if necessary)

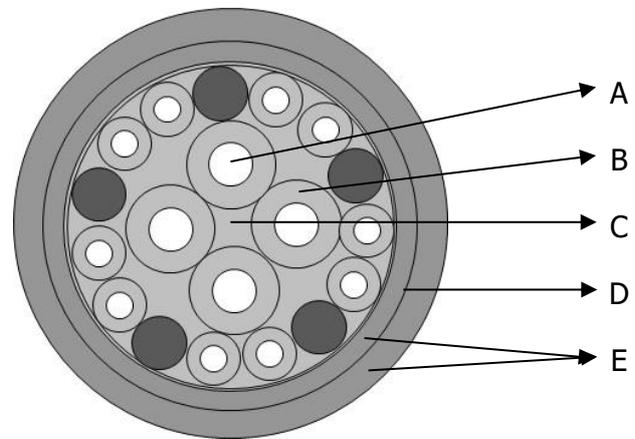
**Reinforced lay**

High tension yarn braiding

**Sheath**

CR, Black

**Drawing**



- A : Conductor (with steel wire)
- B : Insulation (with binder)
- C : Filler
- D : Reinforced lay
- E : Sheath

**Cable marking**

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

**- Marking content**

0.6/1kV SAVAFLEX-FC REEL(EP/CR)-R 4C x 10SQMM + 10C x 1.5SQMM THOMAS CABLE General marking

**Construction & Electrical table**

No. of cores 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 <sup>2</sup> )	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
4 x 10 + 10 x 1.5	4.5	1.2	4.0	36.0	1.95	3.5	IEC 60332-1-2
	1.6	1.2			13.7		