



# SPECIFICATION

for

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

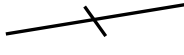
Tech Spec. No. : TCC-SPEC-293/2023


Issued date : 17th. Oct. 2023

Revised No. : -

Revised date : -

Prepared by JH Park  
JH. Park

Checked by 

Approved by   
IG. Hwang



**Thomas Cable Co.,Ltd.**



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

Revised No. : -

**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, Green1.0mm<sup>2</sup> : Black cores with consecutive numbers**Assembly**

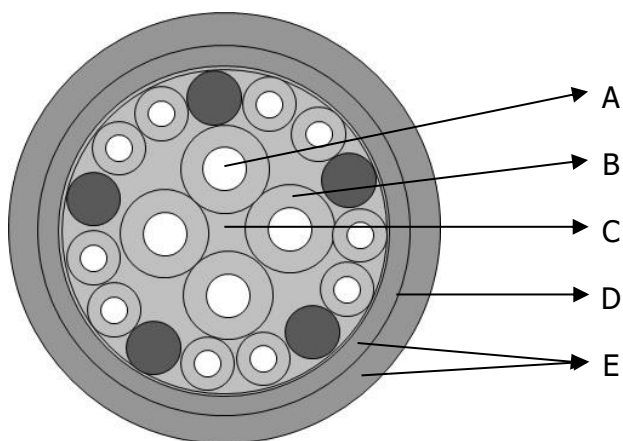
Required cores shall be assembled  
with filler and suitable binder (if necessary)

**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		