SPECIFICATION

for

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

Tech Spec. No. : TCC-SPEC-276/2023

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Prepared by JH Park

JH. Park

Checked by

Approved by

IG. Hwang

Thomas Cable Co.,Ltd.

Thomas

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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 4㎟)

Insulation
EPR

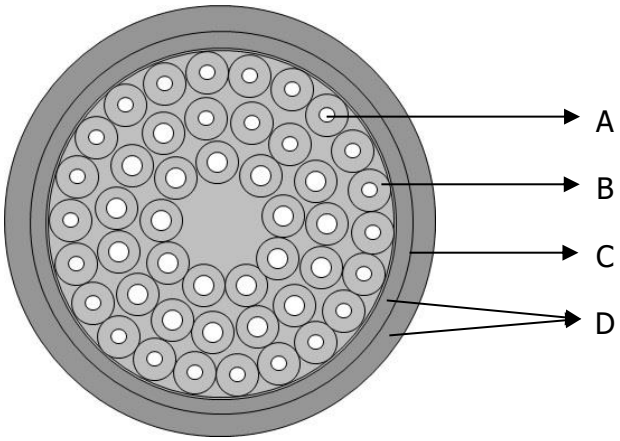
Core identification
2.5㎟ : Black cores with consecutive numbers
1.0㎟ : White cores with consecutive numbers

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 : Reinforced lay
D : Sheath

Cable marking

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

- Marking content

0.6/1kV SAVAFLEX-FC REEL(EP/CR)-R 21C x 2.5SQMM + 25C x 1.0SQMM THOMAS CABLE General marking

Construction & Electrical table

No. of cores and cross-sectional area (No. x ㎟)	Diameter of conductor (nom.) (㎜)	Thickness of insulation (nom.) (㎜)	Thickness of sheath (nom.) (㎜)	Overall diameter (nom.) (㎜)	Conductor resistance at 20℃ (max.) (Ω/㎞)	Test voltage (a.c) (kV/5min)	Flame retardant
21 x 2.5 + 25 x 1.0	2.1	1.2	4.5	50.9	8.21	3.5	IEC 60332-1-2
	1.3	1.2			20.0		