



# SPECIFICATION

for

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

Tech Spec. No. : TCC-SPEC-048/2025

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IG. Hwang



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

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**

Black-White cores with consecutive numbers

**Unit**

Two cores shall be pairing

**Assembly**

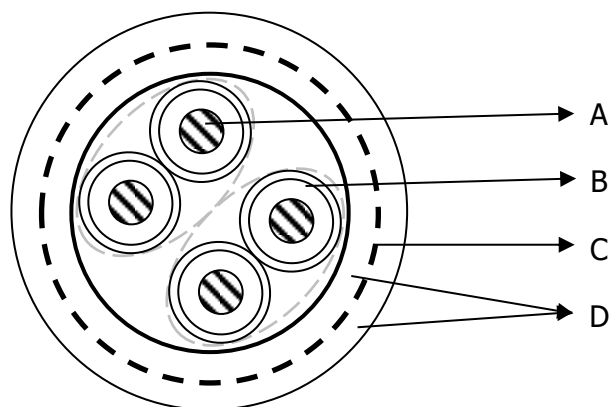
Required pairs shall be assembled  
with filler and suitable binder

**Reinforced lay**

High tension yarn braiding

**Sheath**

CR, Black (RAL 9005)

**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. 1,000mm interval

**- Marking content**

ex) 0.6/1kV SAVAFLEX-FC REEL(EP/CR)-R TP 2P x 1.5SQMM THOMAS CABLE General marking

**Construction & Electrical table**

No. of pairs 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 SQ)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
2P x 1.5	1.5	1.2	3.2	23.0	13.7	3.5	IEC 60332-1-2