



Tech Spec. No. : TCC-SPEC-177/2025
 Revised No. : -

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

Rated voltage : 0.6/1kV

Construction

Conductor

Tinned annealed copper round bunch-stranded,
 Class 5 with steel wire (up to 4mm²)

Insulation

EPR

Core identification

Black

Binder

Suitable binder and yarn braiding

Shield

Tinned annealed copper wire braiding
 with suitable binder

Reinforced lay

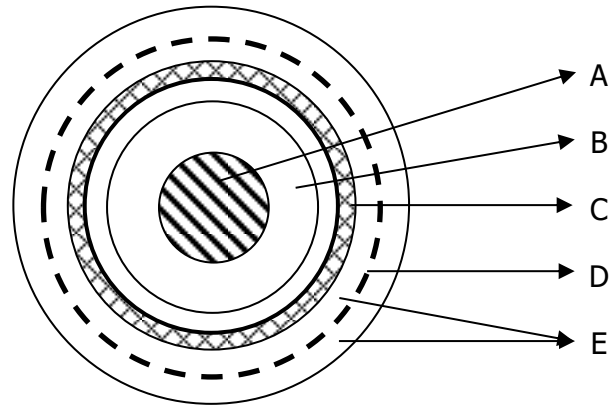
High tension yarn braiding

Sheath

CR, Black (RAL 9005)

Drawing

ex) 1C x 10SQMM



- A : Conductor (with steel wire)
- B : Insulation (with binder)
- C : Shield
- D : Reinforced lay
- E : 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)S-R 1C x 10SQMM THOMAS CABLE 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 SQ)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/5min)	
1C x 2.5	2.1	1.2	2.8	14.1	8.21	3.5	IEC 60332-1-2
1C x 10	4.8	1.2	2.9	17.0	1.95		
1C x 50	10.4	2.1	3.4	25.4	0.393		
1C x 70	12.5	2.1	3.6	27.9	0.277		
1C x 95	14.5	2.1	3.7	30.2	0.210		