



**SPECIFICATION**  
for  
**0.6/1kV THOMFLEX-SIL(UC) GB**

Tech Spec. No. : TCC-SPEC-050/2025  
Issued date : 13th. Mar. 2025  
Revised No. : -  
Revised date : -

Prepared by JH Park  
JH. Park

Checked by \_\_\_\_\_

Approved by IG. Hwang  
IG. Hwang



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**Description : 0.6/1kV THOMFLEX-SIL(UC) GB**

Rated voltage : 0.6/1kV

Range of temp. : - 50°C ~ 180°C (Up to 200°C)

**Construction****Conductor**

Tinned annealed copper  
round bunch-stranded, Class 5

**Insulation**

Silicone rubber

**Color**

White

**Shield**

Tinned annealed copper wire braiding (cov. 85%)

**Sheath**

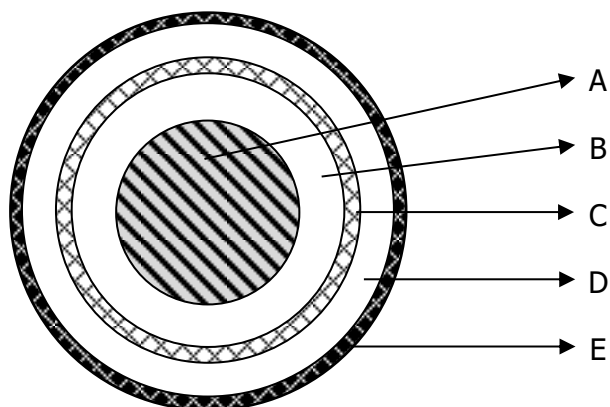
Silicone rubber, White

**Braid**

Silicone Varnish Impregnated Glass Fiber

**Color**

Black

**Drawing**

A : Conductor  
B : Insulation  
C : Shield  
D : Sheath  
E : Braid

**Cable marking**

- Marking method & Interval : N/A

**- Marking content**

N/A

**Construction & Electrical table**

No. of cores & cross-sectional area	Diameter of conductor	Thickness of insulation	Thickness of sheath	Overall diameter	Conductor resistance at 20°C	Test voltage	Cable weight
(No. x mm <sup>2</sup> )	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c.) (kV/5min)	(Approx.) (kg/km)
1 x 185	20.0	2.5	2.5	33.4	0.108	3.5	2,680