DESIGN

1. Conductor
Electrolytic copper, class 5 (flexible), based on EN60228 / IEC 60228 and BS 6360.

2. Insulation
Flexible PVC, extra sliding, high service temperature type T13 according to UNE 21031/HD 21 and Class 43 UL 1581.

The standard identification of insulated conductors is the following:

- Blue       RAL 5012
- Brown      RAL 8003
- Black      RAL 9005
- Red        RAL 3000
- Green/yellow RAL 1021 / RAL 6018
- Grey       RAL 7000
- Dark Blue  RAL 5003
- White      RAL 9010
- Orange     RAL 2003
- Violet     RAL 4005
- Pink       RAL 3015

Other colours available on request

APPLICATIONS

Topflex Tri-rated cable has been designed for the internal wiring of electrical cabinets, switch boards and small electrical devices. Due to its manufacturing characteristics, it can be used in conduit or in flexible motor ducts, transformers and other machinery in general.
CHARACTERISTICS

Electrical performance
LOW VOLTAGE
H05V2-K 300/500 V · H07V2-K 450/750 V · CK 600/1000 V · UL 600V"

Standard
EN 50525-2-31 / UL 758 / CSA C22.2 / BS 6231

Approvals
CE
CSA
UL LISTED
RoHS

Thermal performance
Maximum service temperature: 90ºC s/HD and BS,
105ºC s/UL and CSA.
Maximum short-circuit temperature: 160ºC (max. 5 s).
Minimum service temperature: -40ºC (fixed and
protected installations)

Fire performance
Flame non-propagation based on UNE-EN 60332-1
and IEC 60332-1.

Mechanical performance
Minimum bending radius: x5 cable diameter.

Chemical performance
Chemical & Oil resistance: Acceptable.

Water performance
Water resistance: AD3 Sprays

Other
Meter by meter marking (from 10 mm2 onwards).

Installation conditions
In conduit.

Applications
Electrical panel wiring.
Industrial use.

Packaging
These cables are supplied in 100 m reels, barrels or
bulk drums (see table below).

CROSS SECTION PACKAGING
0.50-6 mm2  100 m reels (or barrels upon request)
10-16 mm2  100 m reels or bulk drums
25 mm2 onwards  bulk drums