

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、Of high resistance to chemicals
- f、Chemistry stability is good
- b、Good resistance to high temperature of the engine fluid
- j、Excellent resistance to impact ability

2.Electrical Properties

- a、Electrical insulation good
- b、Good the dielectric properties

3.Processing properties

- a、Using the hot extrusion processing
- b、Can be twisted pair and multi-core
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to DIN standard design

4.Environmental protection

- a、ROHS/REACH compliant

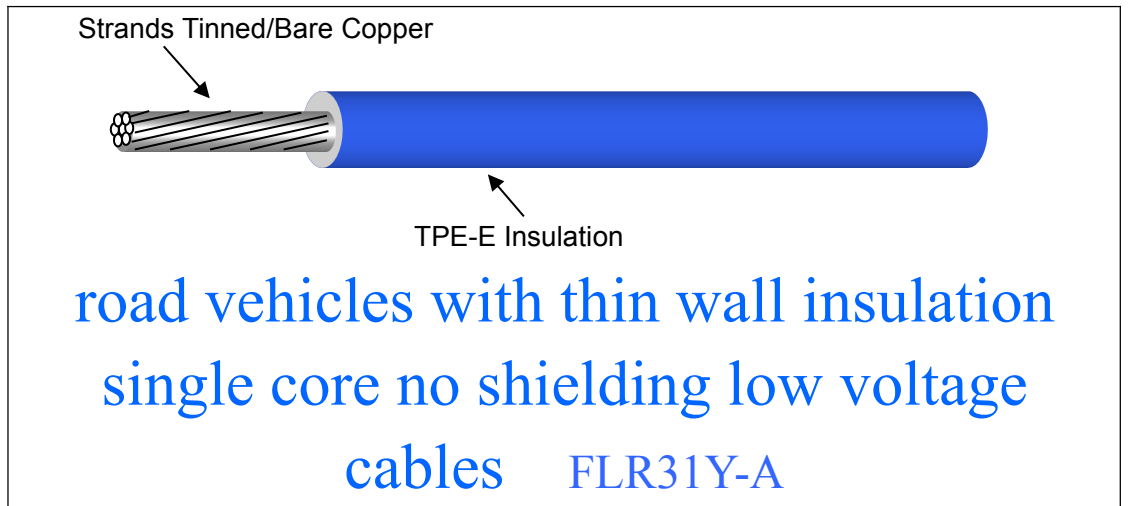
SHOULD BE USED:

Apply to road vehicles with thin wall insulation single core no shielding low voltage cables

REFERENCE:

DIN 72551-6,ISO6722

Outline:



Wire structure description:
 Conductor: Tinned /Bare copper ;
 Insulation materials: TPE-E Insulation

Ground vehicles with low voltage electric system primary cable
 Rated temperature:125℃ rated voltage: 60Vdc or 25Vac

| STYLE | mm2 | Conductor size (No./ mm) ±0.005mm | Conductor Dia.(mm) | Conductor resistance 20℃ (Ω/Km) | | insulation thickness (mm) Nom. | Overall diameter (mm) Maximum |
|-----------|------|-----------------------------------|--------------------|---------------------------------|------|--------------------------------|-------------------------------|
| | | | | Bare | tin. | | |
| FLR31 Y-A | 0.35 | 7/0.26 | 0.79 | 49.2 | 51.5 | 0.20 | 1.3 |
| | 0.5 | 19/0.19 | 0.95 | 34.4 | 36.0 | 0.22 | 1.6 |
| | 0.75 | 19/0.23 | 1.15 | 23.0 | 24.0 | 0.24 | 1.9 |
| | 1 | 19/0.26 | 1.30 | 17.2 | 18.0 | 0.24 | 2.1 |
| | 1.5 | 19/0.32 | 1.61 | 11.5 | 12.0 | 0.24 | 2.4 |
| | 2 | 19/0.37 | 1.86 | 8.6 | 9.0 | 0.28 | 2.8 |
| | 2.5 | 19/0.41 | 2.06 | 6.9 | 7.2 | 0.28 | 3.0 |

Marking: NOM

SAE COLOR SERIES

| * STOCK COLOR CHART | | | | |
|---------------------|----------|---------|-----------|------------|
| 00-BLACK | 01-WHITE | 02-RED | 03-YELLOW | 04-GREEN |
| 05-BLUE | 06-BROWN | 07-GREY | 08-ORANGE | 09- VIOLET |

PACKAGE

| *PACKAGE | | | | | |
|-------------|-------------------------------|-------------------------------|--|---|----|
| Part No. | Packing- Ft/roll | | | | 3F |
| 0.35~1.0mm2 | <input type="checkbox"/> 100M | <input type="checkbox"/> 200M | <input type="checkbox"/> 500M | <input checked="" type="checkbox"/> 1000M | |
| 1.5~2.5mm2 | <input type="checkbox"/> 100M | <input type="checkbox"/> 200M | <input checked="" type="checkbox"/> 500M | <input type="checkbox"/> 1000M | |

According to customer requirements for packaging packaging