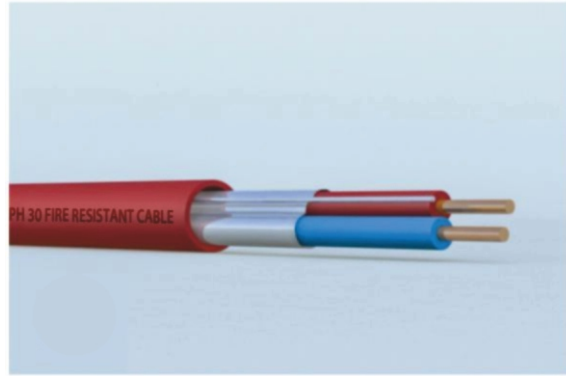


PH 30 MICA TAPE INSULATED FIRE RESISTANT CABLE

NORDEN FireNor PH30 Mica Tape Insulated fire resistant cables are manufactured within the specific requirement of fire resistant cable standards. The fire resistant cable assures reliable circuit integrity to keep emergency evacuation systems operational even whilst the cable is burning.



CABLE CONSTRUCTION

Conductor

Plain Annealed Copper

Insulation

Fire Resistant Silicon Rubber-E12

Insulation Colour

2 Core: Blue/Brown
3 Core: Blue/Brown/Black
4 Core: Blue/Brown/Black/Grey

Screen

Aluminium Tape
(100 % Coverage)

Binding Tape

Mica Tape

Earth Wire

Tinned Copper to BS 6360
Solid 0.80mm

Sheath

LSZH, Halogen Free Flame
Retardant, LTS3

Sheath Color

Red (RAL 3000) or White

Standard Packing Mode

100 mtr / Plywood Reel
500 mtr / Plywood Reel (optional)

Flame Tests	Insulation Integrity	Smoke Density	Corrosive Gas easurement	Other Standards
BS 4066 part 1 & 3 EN 50266-2-4 IEC 60332-3-24 IEC/EN 60332-1	IEC 60331 BS 6387 CWZ EN 50200 PH30 EN 50200 Annex E (30Min)	BS 7622 IEC/EN 61034	BS EN 50267-2-2 IEC 60754-2	BS 7629-1:2008 BS 6387:2013 (Category CWZ) EN 50200:2006 (Class PH30) EN50200:2006 Annex E (30 min) BS 5839-1:2013 (Clause 26.2d standard)

ELECTRICAL & MECHANICAL CHARACTERISTICS

Properties	Value		
	1.0 mm ²	1.5 mm ²	2.5 mm ²
Max. Conductor Resistant @ 20°C	18.0 Ω/km	12.0 Ω/km	7.4 Ω/km
Min. Insulation Resistant @ 0°C	200 M Ω/km		
Operating Voltage	300/500 V		
Test Voltage	2000 V		
Temperature Rating (Fixed)	-30°C to + 90°C		
Temperature Rating (Flexing)	-5°C to + 60°C		
Min. Bend Radius (Fixed)	8 x D		
Min. Bend Radius (Flexing)	15 x D		

PH 30 MICA TAPE INSULATED FIRE RESISTANT CABLE



PHYSICAL INFORMATION

Nom. Cond. Cross-Sect. mm ²	Conductor Size no./mm	Earth Wire Size no./mm	Cable Diameter mm (± 5 %)	Weight Kg/km
2 x 1.0	1/1.12	1/0.80	5.80	51.0
2 x 1.5	1/1.37	1/0.80	7.30	70.0
2 x 2.5	1/1.75	1/0.80	7.80	100.0
3 x 1.0	1/1.12	1/0.80	6.00	65.0
3 x 1.5	1/1.37	1/0.80	6.75	90.0
3 x 2.5	1/1.75	1/0.80	8.25	135.0
4 x 1.0	1/1.12	1/0.80	6.60	81.0
4 x 1.5	1/1.37	1/0.80	7.60	110.0
4 x 2.5	1/1.75	1/0.80	9.10	165.0

ORDERING INFORMATION

Part Number	Description
62-1002X	PH30 Mica Tape Insulated Fire Resistant Cable, 2C x 1.0 mm ²
62-1502X	Ph30 Mica Tape Insulated Fire Resistant Cable, 2C x 1.5 mm ²
62-2502X	Ph30 Mica Tape Insulated Fire Resistant Cable, 2C x 2.5 mm ²
62-1003X	Ph30 Mica Tape Insulated Fire Resistant Cable, 3C x 1.0 mm ²
62-1503X	Ph30 Mica Tape Insulated Fire Resistant Cable, 3C x 1.5 mm ²
62-2503X	Ph30 Mica Tape Insulated Fire Resistant Cable, 3C x 2.5 mm ²
62-1004X	Ph30 Mica Tape Insulated Fire Resistant Cable, 4C x 1.0 mm ²
62-1504X	Ph30 Mica Tape Insulated Fire Resistant Cable, 4C x 1.5 mm ²
62-2504X	Ph30 Mica Tape Insulated Fire Resistant Cable, 4C x 2.5 mm ²

X → RD:Red WH:White