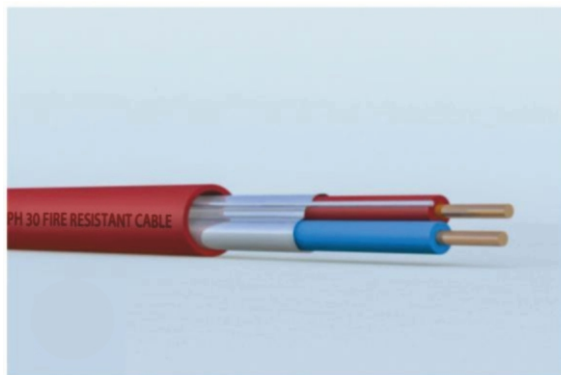


PH 30 MICA TAPE INSULATED FIRE RESISTANT CABLE

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 Bare Copper	Screen Aluminium Tape (100 % Coverage)	Sheath LSZH, Halogen Free Flame Retardant, LTS3
Insulation Fire Resistant Silicon Rubber-E12	Binding Tape Mica Tape	Sheath Color Red (RAL 3000) or White
Insulation Colour 2 Core: Blue/Brown 3 Core: Blue/Brown/Black 4 Core: Blue/Brown/Black/Grey	Earth Wire Tinned Copper to BS 6360 Solid 0.80mm	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		

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	6.65	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