VENTCROFT

NoBurn® Platinum

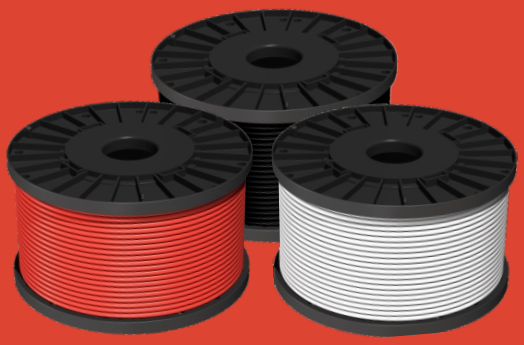
STANDARD
Fire Performance Cable

VENTCROFT LIFE SAFETY

The Fastest Fire Cable to Install

Ventcroft NoBurn Platinum is available in a variety of multiple core combinations all with CPC (circuit protection conductor).

500m reels and other special lengths are available.



Supplied On Robust Plastic Reels

• Installer safe and easy handling •
• Better Reeling and damage resistant •
• Weather and moisture resistant •

Manufacturers Recommended Installation Guide Lines

Recommended metal clip spacing 300mm Horizontal
400mm Vertical

Minimum recommended installation temp. 0°c

Installation methods for current rating in accordance with BS7671/IEE Wiring Regulations

The tabulated ratings are based upon 30°c ambient temperature and 70°c operating temperature

Minimum Bend Radius = 6 x Diameter

Specifications

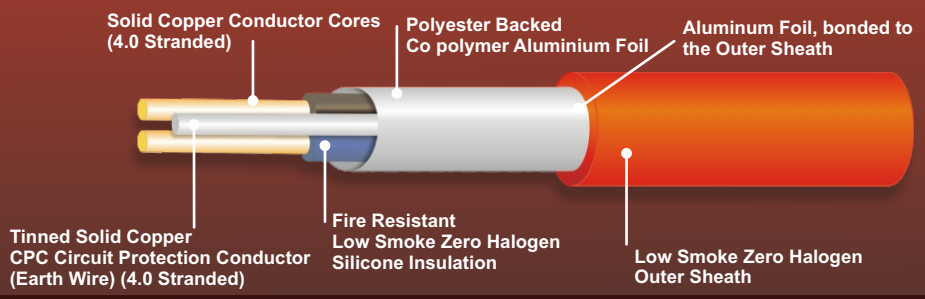
LPCB approved to	Fire System Standard	BS5839-1:2002 Clause 26.2d	
	Fire Resistance Standard	BS8434-1: 2003 30 mins.	
	Fire Resistance Standard	BS EN50200:2006 PH120	
	Fire Resistance Standard	BS7629-1:1997	
	Fire Resistance Standard	BS6387:1994 Clause 11 CWZ	
	Halogen Emission Standard	BS EN50267-2-1:1999	
	Low Smoke Standard	BS EN50268-2:2000	
Designed to comply to	Emergency Lighting BS5266-1:2005		
Materials	CPC (Earth)	Tinned Annealed Copper	
	Conductors	Plain Annealed Copper	
	Core Installation	Fire Resistant Silicone	
	Screening	Aluminium Foil	
	Outer Sheath	Low Smoke Halogen Free Thermoplastic	
Working Voltage	Core to Core	500V	
	Core to CPC	300V	
Types	Outer Sheath Colours	Red, White or Black	
	Number of Cores	2, 3 & 4 Core	
	Inner Cores CSA	1.0, 1.5, 2.5 & 4.0mm CSA	
Resistance	1.0mm CSA	18.1 Ohms / 1 Km	
	1.5mm CSA	12.1 Ohms / 1 Km	
	2.5mm CSA	7.41 Ohms / 1 Km	
	4.0mm CSA	4.61 Ohms / 1 Km	
Minimum Bend Radius	Radius = 6 x Diameter		
Operating Temp.	Quiescent	-20 to + 70°C.	
	Installation	min 0°c	
Voltage Drop (DC or Single Phase AC)	1.0mm CSA	44 Ohms mV / A / m	
	1.5mm CSA	29 Ohms mV / A / m	
	2.5mm CSA	18 Ohms mV / A / m	
	4.0mm CSA	11 Ohms mV / A / m	
Approximate Overall Diameter	2 Core	1.0mm / 7.20mm	
		1.5mm / 7.90mm	
		2.5mm / 9.50mm	
		4.0mm / 10.88mm	
	3 Core	1.0mm / 7.40mm	
		1.5mm / 8.50mm	
		2.5mm / 10.10mm	
		4.0mm / 12.50mm	
	4 Core	1.0mm / 9.00mm	
		1.5mm / 10.50mm	
		2.5mm / 13.00mm	
		4.0mm / 13.63mm	
Approximate Weights	2 Core with CPC	1.0mm	8.0 Kg / 100 m
		1.5mm	9.5 Kg / 100 m
		2.5mm	14.1 Kg / 100 m
		4.0mm	20.0 Kg / 100 m
	3 Core with CPC	1.0mm	9.5 Kg / 100 m
		1.5mm	12.9 Kg / 100 m
		2.5mm	19.1 Kg / 100 m
		4.0mm	25.0 Kg / 100 m
	4 Core with CPC	1.0mm	10.9 Kg / 100 m
		1.5mm	14.5 Kg / 100 m
		2.5mm	22.2 Kg / 100 m
		4.0mm	31.0 Kg / 100 m
Current Rating	Cable Clipped (DC or Single Phase AC)	1.0mm	15A
		1.5mm	19.5A
		2.5mm	27A
		4.0mm	36A
	Enclosed (DC or Single Phase AC)	1.0mm	13A
		1.5mm	16.5A
		2.5mm	23A
		4.0mm	30A
Warranty	Period	10 Years from Date of Manufacture	
	Identification	Date of Manufacture Marked On Cable	

Fully Tested and Approved by

LPCB — LOSS PREVENTION CERTIFICATION BOARD

UKAS PRODUCT CERTIFICATION 007

Certificate No. 682a



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10 YEARS WARRANTY

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