



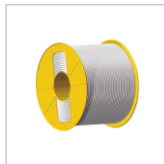
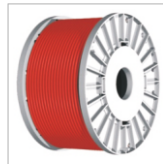
Cable Products



**Manufactured in
United Kingdom**



• Fire •



• Intruder •



• Fire Cable Clips •



Not Equivalent - Better!

Ventcroft Ltd.
Faraday Road, Astmoor Industrial Estate,
Runcorn, Cheshire, WA7 1PE

Main Tel: +44 (0)1928 581098 Sales Tel: +44 (0)1928 503500
Fax: +44 (0)1928 581099

www.ventcroft.co.uk



Ventcroft Ltd are one of the worlds top two manufacturers of fire performance and intruder alarm cables to British & International Standards. We are based in Cheshire UK.

Unique in terms of investment in UK cable manufacturing, the continuing worldwide increased demand for our high quality cable has seen our recent and ongoing investment total almost £30 million.

Ventcroft do not supply end users or installers direct, however our extensive range of products are available from distributors throughout the UK and Worldwide.



Our purpose built cable manufacturing facility is now over 100,000 sq ft and houses state of the art, world class automated cable manufacturing plant, test laboratories and on site copper drawing and silicone compounding facilities. The factory and manufacturing processes are approved by both LPCB & BASEC to ISO9001 and our fire cable ranges certified to meet a wide range of UK and international performance standards.



Material Test Lab Facilities



Smoke & Burn Test Lab



Ovens - Material Temperature Testing - Fridges & Freezers



Using some of the most advanced fire cable testing equipment, excluding in line process monitoring, Ventcroft labs perform over 30,000 material and cable tests each year.








In addition to Ventcroft's market leading 'NoBurn Platinum' Standard & 'NoBurn Plus' Enhanced fire cable we offer export fire cables for the International market and a full range of intruder cables to BS 4737: 2015 Type 1, 2 & 3 standards. New cable ranges are planned for future introduction.

We are able to provide 'own branding' of our fire and intruder cables and free contractor fire cable personalisation with 'CID' (Cable Identity Detection) cable print facility to provide assurance throughout the supply chain to post installation that all cables are genuine and comply to the exact standard required.

During recent decades the UK has seen the closure of cable manufacturing plants and transferral of cable production overseas; we are proud to be a British owned cable manufacturing company, investing to expand cable manufacturing in the UK.

Established in 1991, we are highly recognised for our imagination, innovation and technical expertise in the cable market, winning awards for Business of the Year and International Trader of the Year. Expanding business year on year with our distribution and wholesale partners based in the UK and over 50 countries worldwide.

Contents

	NoBurn Platinum Standard 60 Fire Performance Cable	Pages 4-5
	NoBurn Plus Enhanced 120 Fire Performance Cable	Pages 6-7
	NoBurn Plus Enhanced 120 Flexible Fire Performance Cable	Pages 6-7
	NoBurn XP Premium Fire Performance Cable	Pages 8-9
	Fire Cable Clips	Page 10
	PRO-Supreme Intruder Cable BS 4737 LSZH Type 1/ PVC Type 2	Page 11
	PRO-Standard Intruder Cable BS 4737 PVC Type 3	Page 11



Standard Fire Performance Cable

FIRE

VENTICROFT
NoBurn[®]
Platinum

STANDARD
Fire Performance Cable



LPCB Ref. No. 682a/01 Licence No: 152/001

Not Equivalent - Better!

NoBurn Platinum is certified by LPCB & BASEC to fully meet the requirements of 'Standard' fire cable used with UK fire systems. See details of all performance standards below. Manufactured entirely and only in the UK.

NoBurn control cable is produced using the latest technology, materials and equipment. Every detail from start to finish is recorded and traceable, a quality batch number and time and date of manufacture is printed on every reel and along the entire length of the cable.

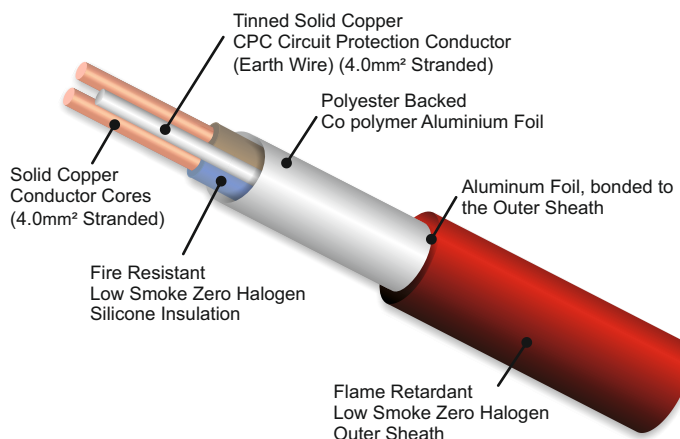
NoBurn cable cores are twisted during manufacture to provide the highest level of data protection, ideal for long cable runs and analogue addressable fire systems.

THE FASTEST CABLE TO PREPARE FOR TERMINATION SAVE TIME AND COST

Sheath & Insulation - Low Smoke Zero Halogen



Colour Coded Easy to Handle
100m Plastic Reel
(Black Reel = 'Standard' Cable)



➤ Also suitable for

Emergency Lighting - BS 5266-1:2016
Voice Alarm Systems - BS 5839-8:2013
Voice Communication - BS 5839-9:2013
Irish Emergency Lighting - IS 3217:2013
Irish Fire - IS 3218:2013

VENTICROFT
Eze-Prep[®]
INSULATION

With NoBurn's Eze-Prep insulation - no need to remove insulation to terminate!

Simply pull back, connect and let go - no bare copper, removes chance of accidental short circuits - Fast, Safe & Secure!

Features

- Easy to Install and Superb Working Flexibility
- Up to 12 Twists per metre for Data Protection
- Red, White, Black & Orange Outer Sheaths Available
- 2 core, 3 core & 4 core with CPC (Earth Wire)
- 1.0mm², 1.5mm², 2.5mm² & 4.0mm² Conductors
- 100m, 200m, 500m and Special Lengths Available
- Aluminium/Co-polymer EMC/Pet Foil Screen
- Low Smoke and Zero Halogen
- Voltage Rating 300v/500v
- Suitable for Air Conditioning, Computer Control & Lift Doors where Low Smoke & Zero Halogen is required

Approved and Certified to meet

BS 5839-1:2013 Clause 26.2d	'Standard' Fire System Cable
BS 7629-1:2015 Standard 60	Fire Cable Standard
BS EN 50200:2015+Annex E 30 mins	• Fire, Mechanical Shock & Water - 30 mins @ 830°C (Water final 15 mins.)
BS EN 50200:2015 PH30, PH60 & PH120	• Fire & Mechanical Shock - total of 120 mins @ 830°C (MS every 5 mins.)
BS 6387:2013 CWZ	• C - Fire only for 180 mins. (3 hours) @ 950°C
	W - Fire & Water for 30 mins. @ 650°C (Water final 15 mins)
	Z - Fire & Mechanical Shock for 15 mins @ 950°C (MS every 30 seconds)
BS EN 60754-1:2014	Halogen Emission Standard
BS EN 61034-2:2005	Low Smoke Standard
Also BS EN 60332-3-24 & -3-25:2009 Bunched Cable Retardancy	



Main Tel: +44 (0)1928 581098 Sales Tel: +44 (0)1928 503500 Fax: +44 (0)1928 581099





Technical Specifications					
LPCB & BASEC approved to	'Standard' Fire Cable Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard	BS 5839-1:2013 Clause 26.2d BS EN 50200:2015 + Annex E 30 mins. BS EN 50200:2015 PH30, PH60 & PH120 BS 7629-1:2015 Standard 60 BS 6387:2013 CWZ BS EN 60754-1:2014 BS EN 61034-2:2005	Approximate Weights	2 Core with CPC	1.0mm ² 8.0 Kg / 100 m 1.5mm ² 9.5 Kg / 100 m 2.5mm ² 14.1 Kg / 100 m 4.0mm ² 20.0 Kg / 100 m
Designed to comply to	Emergency Lighting Voice Alarm Systems Standard Voice Communication Standard (Risk Assessment May Demand Mechanical Protection)	BS 5266-1:2016 BS 5839-8:2013 BS 5839-9:2013		3 Core with CPC	1.5mm ² 12.9 Kg / 100 m 2.5mm ² 19.1 Kg / 100 m 4.0mm ² 25.0 Kg / 100 m
Materials	CPC (Earth) Conductors Core Insulation Screening Outer Sheath	Tinned Annealed Copper Plain Annealed Copper Fire Resistant Silicone Aluminium Foil Low Smoke Halogen Free Thermoplastic		4 Core with CPC	1.5mm ² 14.5 Kg / 100 m 2.5mm ² 22.2 Kg / 100 m 4.0mm ² 31.0 Kg / 100 m
Working Voltage	Core to Core Core to CPC	500V 300V	Current Rating (Current Ratings listed are at 30°C Refer to BS7671/EE Wiring Regulations for de-rating factor)	Cable Clipped (DC or Single Phase AC)	1.0mm ² 15A 1.5mm ² 19.5A 2.5mm ² 27A 4.0mm ² 36A
Types	Outer Sheath Colours Number of Cores Inner Cores CSA	Red, White or Black 2, 3 & 4 Core 1.0, 1.5, 2.5 & 4.0mm ² CSA		Enclosed (DC or Single Phase AC)	1.0mm ² 13A 1.5mm ² 16.5A 2.5mm ² 23A 4.0mm ² 30A
Resistance	1.0mm ² CSA 1.5mm ² CSA 2.5mm ² CSA 4.0mm ² CSA	18.1 Ohms / 1 Km 12.1 Ohms / 1 Km 7.41 Ohms / 1 Km 4.61 Ohms / 1 Km	Capacitance Rating	1.5mm ² CSA 2 Core & CPC 3 Core & CPC 4 Core & CPC ~	Core to Core - Average 70 pF/m Core to Screen - Average 130 pF/m Core to Core - Average 75 pF/m Core to Screen - Average 150 pF/m
Minimum Bend Radius	Radius = 6 x Diameter			2.5mm ² CSA 2 Core & CPC 3 Core & CPC 4 Core & CPC ~	Core to Core - Average 80 pF/m Core to Screen - Average 145 pF/m Core to Core - Average 85 pF/m Core to Screen - Average 165 pF/m
Operating Temp. Installation Temp.	Minimum/Maximum Minimum/Maximum	- 40°C to +90°C 0°C to +70°C	Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable
Voltage Drop (DC or Single Phase AC)	1.0mm ² CSA 1.5mm ² CSA 2.5mm ² CSA 4.0mm ² CSA	44 Ohms mV / A / m 29 Ohms mV / A / m 18 Ohms mV / A / m 11 Ohms mV / A / m			
Approximate Overall Diameter	2 Core 3 Core 4 Core	1.0mm ² / 7.75mm 1.5mm ² / 7.85mm 2.5mm ² / 9.20mm 4.0mm ² / 11.90mm 1.5mm ² / 8.80mm 2.5mm ² / 9.70mm 4.0mm ² / 12.60mm 1.5mm ² / 9.40mm 2.5mm ² / 11.60mm 4.0mm ² / 13.75mm			

Product Codes

Red Sheath

Red 1.0mm ² Core & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.0mm ² 100m	2 Cores & CPC	VFP - 210ERH	60	1	
1.0mm ² 500m	2 Cores & CPC	VFP - 210ERH500M	12	1	
Red 1.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.5mm ² 100m	2 Cores & CPC	VFP - 215ERH	60	1	
1.5mm ² 100m	3 Cores & CPC	VFP - 315ERH	60	1	
1.5mm ² 100m	4 Cores & CPC	VFP - 415ERH	60	1	
1.5mm ² 200m	2 Cores & CPC	VFP - 215ERH200M	30	1	
1.5mm ² 200m	4 Cores & CPC	VFP - 415ERH200M	30	1	
1.5mm ² 500m	2 Cores & CPC	VFP - 215ERH500M	12	1	
1.5mm ² 500m	4 Cores & CPC	VFP - 415ERH500M	12	1	
Red 2.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
2.5mm ² 100m	2 Cores & CPC	VFP - 225ERH	60	1	
2.5mm ² 100m	3 Cores & CPC	VFP - 325ERH	60	1	
2.5mm ² 100m	4 Cores & CPC	VFP - 425ERH	60	1	
2.5mm ² 200m	2 Cores & CPC	VFP - 225ERH200M	30	1	
2.5mm ² 500m	2 Cores & CPC	VFP - 225ERH500M	12	1	
Red 4.0mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
4.0mm ² 100m	2 Cores & CPC	VFP - S240ERH	60	1	

Black Sheath

Black					
Reel	Cores	Code	Pallet	Min Qty	
1.5mm ² 100m	2 Cores & CPC	VFP - 215EBKH	60	1	
2.5mm ² 100m	2 Cores & CPC	VFP - 225EBKH	60	1	
1.5mm ² 100m	4 Cores & CPC	VFP - 415EBKH	60	1	

White Sheath

White 1.0mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.0mm ² 100m	2 Cores & CPC	VFP - 210EWH	60	1	
1.0mm ² 500m	2 Cores & CPC	VFP - 210EWH500M	12	1	
White 1.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.5mm ² 100m	2 Cores & CPC	VFP - 215EWH	60	1	
1.5mm ² 100m	3 Cores & CPC	VFP - 315EWH	60	1	
1.5mm ² 100m	4 Cores & CPC	VFP - 415EWH	60	1	
1.5mm ² 200m	2 Cores & CPC	VFP - 215EWH200M	30	1	
1.5mm ² 200m	4 Cores & CPC	VFP - 415EWH200M	30	1	
1.5mm ² 500m	2 Cores & CPC	VFP - 215EWH500M	12	1	
1.5mm ² 500m	4 Cores & CPC	VFP - 415EWH500M	12	1	
White 2.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
2.5mm ² 100m	2 Cores & CPC	VFP - 225EWH	60	1	
2.5mm ² 100m	3 Cores & CPC	VFP - 325EWH	60	1	
2.5mm ² 100m	4 Cores & CPC	VFP - 425EWH	60	1	
2.5mm ² 200m	2 Cores & CPC	VFP - 225EWH200M	24	1	
2.5mm ² 500m	2 Cores & CPC	VFP - 225EWH500M	12	1	
White 4.0mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
4.0mm ² 100m	2 Cores & CPC	VFP - S240EWH	60	1	



CERTIFICATION
To download full copy visit either
www.ventcroft.co.uk
or LPCB's www.redbooklive.com site
or www.basec.org.uk



Enhanced Fire Performance Cable

FIRE



LPCB Ref. No. 682d/01 Licence No: 152/001

Not Equivalent - Better!

NoBurn Plus Enhanced is approved and certified by LPCB & BASEC to fully meet the requirements of 'Enhanced' fire cables for use with UK fire systems. See details of all performance standards below. Manufactured entirely and only in the UK.

NoBurn control cable is produced using the latest technology, materials and equipment. Every detail from start to finish is recorded and traceable, a quality batch and test number is printed on every reel, and time and date of manufacture printed along the entire length of the cable.

NoBurn cable cores are twisted during manufacture to provide the highest level of data protection, ideal for long cable runs and analogue addressable fire systems.

THE FASTEST CABLE TO PREPARE FOR TERMINATION SAVE TIME AND COST

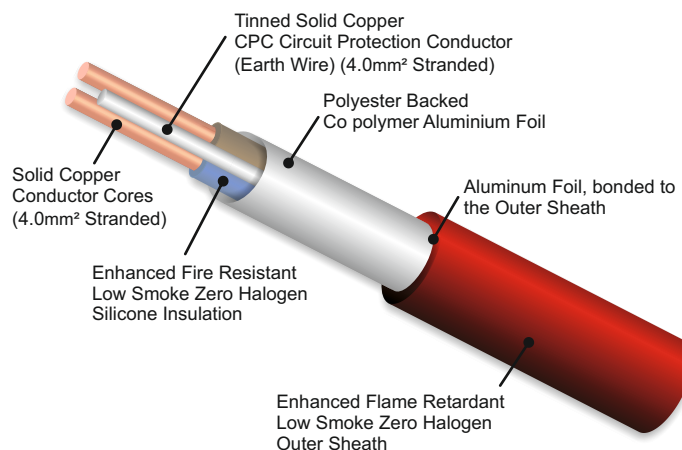
Sheath & Insulation - Low Smoke Zero Halogen



Colour Coded Easy to Handle
100m Plastic Reel
(Grey Reel = 'Enhanced' Cable)



Now also available with Class 2 stranded conductors - to make terminating cores in compact and space restricted areas quicker & easier



➤ Also suitable for

Emergency Lighting - BS 5266-1:2016
Voice Alarm Systems - BS 5839-8:2013
Voice Communication - BS 5839-9:2013
Irish Emergency Lighting - IS 3217:2013
Irish Fire - IS 3218:2013



With NoBurn's Eze-Prep insulation - no need to remove insulation to terminate!

Simply pull back, connect and let go - no bare copper, removes chance of accidental short circuits - Fast, Safe & Secure!

Features

- Easy to Install and Superb Working Flexibility
- Up to 12 Twists per metre for Data Protection
- Red, White, Black & Orange Outer Sheaths Available
- 2 core, 3 core & 4 core with CPC (Earth Wire)
- 1.0mm², 1.5mm², 2.5mm² & 4.0mm² Conductors
- 100m, 200m, 500m and Special Lengths Available
- Aluminium/Co-polymer EMC/Pet Foil Screen
- Low Smoke and Zero Halogen
- Voltage Rating 300v/500v
- Suitable for Air Conditioning, Computer Control & Lift Doors where Low Smoke & Zero Halogen is required

Ask about our testing & self certification
to BS 8519 Category 3 Control Cable

Approved and Certified to meet

BS 5839-1:2013 Clause 26.2e	'Enhanced' Fire System Cable
BS 8519:2010 Category 2	Fire Cable Code of Practice
BS 7629-1:2015 Enhanced 120	Fire Cable Standard
BS 8434-2:2003+A2:2009 120 mins	
• Fire, Mechanical Shock & Water - 120 mins @ 930°C (Water final 60 mins)	
BS EN 50200:2015 PH30, PH60 & PH120	
• Fire & Mechanical Shock - total of 120 mins @ 830°C (MS every 5 mins)	
BS 6387:2013 CWZ	
• C - Fire, 180 mins @ 950°C. W - Fire & Water, 30 mins @ 650°C	
Z - Fire & Mechanical Shock, 15 mins @ 950°C (MS every 30 seconds)	
BS EN 60754-1:2014	Halogen Emission Standard
BS EN 61034-2:2005	Low Smoke Standard
BS EN 60332-3-24 & -3-25:2009	Bunched Flame Retardancy



Main Tel: +44 (0)1928 581098 Sales Tel: +44 (0)1928 503500 Fax: +44 (0)1928 581099





Technical Specifications

LPCB & BASEC approved to	'Enhanced' Fire Cable Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard	BS 5839-1:2013 Clause 26.2e BS 8519:2010 Category 2 BS 8434-2:2003+A2:2009 120 mins BS EN 50200:2015 PH30, PH60 & PH120 BS 7629-1:2015 Enhanced 120 BS 6387:2013 CWZ BS EN 60754-1:2014 BS EN 61034-2:2005
Designed to comply to	Emergency Lighting Voice Alarm Systems Standard Voice Communication Standard	BS 5266-1:2016 BS 5839-8:2013 BS 5839-9:2013
Materials	CPC (Earth) Conductors Core Insulation Screening Outer Sheath	Tinned Annealed Copper Plain Annealed Copper Fire Resistant Silicone Copper Foil Low Smoke Halogen Free Thermoplastic
Working Voltage	Core to Core Core to CPC	500V 300V
Types	Outer Sheath Colours Number of Cores Inner Cores CSA	Red or White 2, 3 & 4 Core 1.0, 1.5, 2.5 & 4.0mm ² CSA
Resistance	1.0mm ² CSA 1.5mm ² CSA 2.5mm ² CSA 4.0mm ² CSA	18.1 Ohms / 1 Km 12.1 Ohms / 1 Km 7.41 Ohms / 1 Km 4.61 Ohms / 1 Km
Minimum Bend Radius	Radius = 6 x Diameter	
Operating Temp.	Minimum/Maximum	-40°C to +90°C
Installation Temp.	Minimum/Maximum	0°C to +70°C
Voltage Drop (DC or Single Phase AC)	1.0mm ² CSA 1.5mm ² CSA 2.5mm ² CSA 4.0mm ² CSA	44 Ohms mV / A / m 29 Ohms mV / A / m 18 Ohms mV / A / m 11 Ohms mV / A / m
Approximate Overall Diameter	2 Core 3 Core 4 Core	1.0mm ² / 8.15mm 1.5mm ² / 8.25mm 2.5mm ² / 8.60mm 4.0mm ² / 12.10mm 1.5mm ² / 9.30mm 2.5mm ² / 9.90mm 4.0mm ² / 12.90mm 1.5mm ² / 9.70mm 2.5mm ² / 12.10mm 4.0mm ² / 13.95mm

Approximate Weights	2 Core with CPC 3 Core with CPC 4 Core with CPC	1.0mm ² 1.5mm ² 2.5mm ² 4.0mm ² 1.5mm ² 2.5mm ² 4.0mm ² 1.5mm ² 2.5mm ² 4.0mm ²	8.2 Kg / 100 m 9.7Kg / 100 m 14.4 Kg / 100 m 24.0 Kg / 100 m 13.2 Kg / 100 m 19.4 Kg / 100 m 28.0 Kg / 100 m 14.8 Kg / 100 m 22.7 Kg / 100 m 50.0 Kg / 100 m
Current Rating (Current Ratings listed are at 30°C Refer to BS7671/EE Wiring Regulations for de-rating factor)	Cable Clipped (DC or Single Phase AC) Enclosed (DC or Single Phase AC)	1.0mm ² 1.5mm ² 2.5mm ² 4.0mm ² 1.0mm ² 1.5mm ² 2.5mm ² 4.0mm ²	15A 19.5A 27A 36A 13A 16.5A 23A 30A
Capacitance Rating	1.5mm ² CSA 2 Core & CPC 3 Core & CPC 4 Core & CPC ~ 2.5mm ² CSA 2 Core & CPC 3 Core & CPC 4 Core & CPC ~	Core to Core - Average 70 pF/m Core to Screen - Average 130 pF/m Core to Core - Average 75 pF/m Core to Screen - Average 150 pF/m Core to Core - Average 80 pF/m Core to Screen - Average 145 pF/m Core to Core - Average 85 pF/m Core to Screen - Average 165 pF/m	
Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable	

Product Codes

Red Sheath

Red 1.0mm ² Core & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.0mm ² 100m	2 Cores & CPC	VNP - 210ERH	60	1	
1.0mm ² 500m	2 Cores & CPC	VNP - 210ERH500M	12	1	
Red 1.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.5mm ² 100m	2 Cores & CPC	VNP - 215ERH	60	1	
1.5mm ² 100m	3 Cores & CPC	VNP - 315ERH	60	1	
1.5mm ² 100m	4 Cores & CPC	VNP - 415ERH	60	1	
1.5mm ² 200m	2 Cores & CPC	VNP - 215ERH200M	30	1	
1.5mm ² 200m	4 Cores & CPC	VNP - 415ERH200M	30	1	
1.5mm ² 500m	2 Cores & CPC	VNP - 215ERH500M	12	1	
1.5mm ² 500m	4 Cores & CPC	VNP - 415ERH500M	12	1	
Red 2.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
2.5mm ² 100m	2 Cores & CPC	VNP - 225ERH	60	1	
2.5mm ² 100m	3 Cores & CPC	VNP - 325ERH	60	1	
2.5mm ² 100m	4 Cores & CPC	VNP - 425ERH	60	1	
2.5mm ² 200m	2 Cores & CPC	VNP - 225ERH200M	30	1	
2.5mm ² 500m	2 Cores & CPC	VNP - 225ERH500M	12	1	
Red 4.0mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
4.0mm ² 100m	2 Cores & CPC	VNP - S240ERH	60	1	

White Sheath

White 1.0mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.0mm ² 100m	2 Cores & CPC	VNP - 210EWH	60	1	
1.0mm ² 500m	2 Cores & CPC	VNP - 210EWH500M	12	1	
White 1.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
1.5mm ² 100m	2 Cores & CPC	VNP - 215EWH	60	1	
1.5mm ² 100m	3 Cores & CPC	VNP - 315EWH	60	1	
1.5mm ² 100m	4 Cores & CPC	VNP - 415EWH	60	1	
1.5mm ² 200m	2 Cores & CPC	VNP - 215EWH200M	30	1	
1.5mm ² 200m	4 Cores & CPC	VNP - 415EWH200M	30	1	
1.5mm ² 500m	2 Cores & CPC	VNP - 215EWH500M	12	1	
1.5mm ² 500m	4 Cores & CPC	VNP - 415EWH500M	12	1	
White 2.5mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
2.5mm ² 100m	2 Cores & CPC	VNP - 225EWH	60	1	
2.5mm ² 100m	3 Cores & CPC	VNP - 325EWH	60	1	
2.5mm ² 100m	4 Cores & CPC	VNP - 425EWH	60	1	
2.5mm ² 200m	2 Cores & CPC	VNP - 225EWH200M	24	1	
2.5mm ² 500m	2 Cores & CPC	VNP - 225EWH500M	12	1	
White 4.0mm ² Cores & CPC (earth)					
Reel	Cores	Code	Pallet	Min Qty	
4.0mm ² 100m	2 Cores & CPC	VNP - S240EWH	60	1	



CERTIFICATION
To download full copy visit either
www.ventcroft.co.uk
or LPCB's www.redbooklive.com site
or www.basec.org.uk



Premium Fire Performance Cable

FIRE

VENTCROFT
NoBurn®

PREMIUM
Fire Performance Cable



LPCB Ref. No. 682c/01

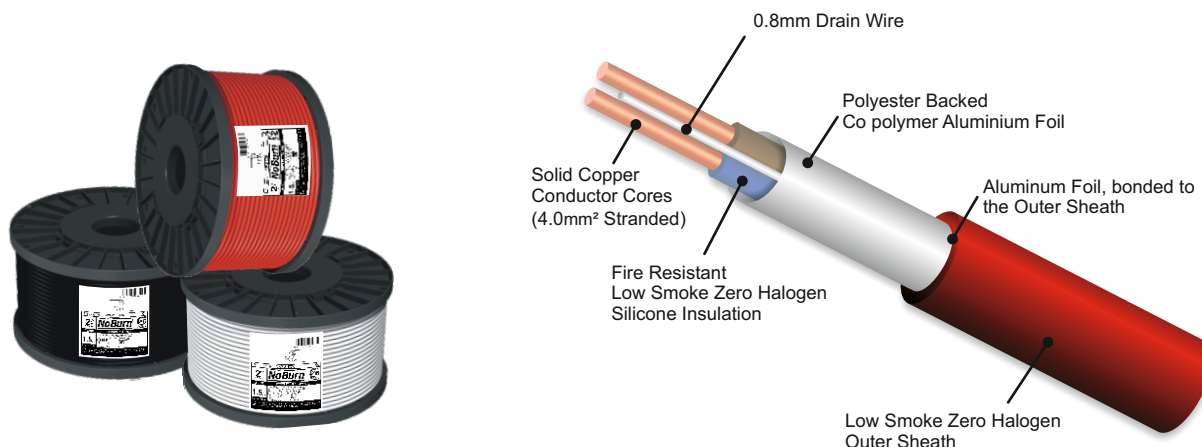
Not Equivalent - Better!

NoBurn XP Premium Fire Performance Cable has been tested and approved by LPCB to meet BS EN 50200:2015+Annex E 30 mins, BS EN 50200:2015 PH30, PH60 & PH120 and BS 6387:2013 CWZ - under fire conditions.

NoBurn XP cable is manufactured in the UK using the latest technology, materials and manufacturing equipment. Materials and processes are recorded and tracked throughout manufacture to ensure consistent reliability and quality. All cables are marked along the entire cable length with the cable name, a unique manufacturing batch number, the time and date of manufacture, LPCB certificate approval number and fire cable test details - Full tracability for peace of mind.

NoBurn XP cable cores are twisted during manufacture to provide the highest level of data protection, ideal for long cable runs and analogue

THE FASTEST CABLE TO PREPARE FOR TERMINATION SAVE TIME AND COST



NoBurn XP format is ideally suited for use in Middle East, Asian and African markets.

VENTCROFT
Eze-Prep®
INSULATION

With NoBurn's Eze-Prep insulation - no need to remove insulation to terminate!

Simply pull back, connect and let go - no bare copper, removes chance of accidental short circuits - Fast, Safe & Secure!

Features

- ▶ Reduced Installation Time and Costs
- ▶ Easy to Install and Superb Working Flexibility
- ▶ Aluminium/Co-polymer Foil Screen
- ▶ All in one - Easy Strip Outer Sheath
- ▶ No Separate Foil
- ▶ No Additional Fibre Wraps
- ▶ No Mica Tape on Conductors
- ▶ No Additional Core Separators to remove
- ▶ 2 core, 3 core & 4 core Types with Drain Wire
- ▶ 0.50mm² to 4.00mm² Conductor Options
- ▶ Cable Core Twist Provides High Level Data Protection
- ▶ Voltage Rating 300v/500v

Tested and Complies with

BS EN 50200:2015+Annex E 30 mins

- Fire, Mechanical Shock & Water - 30 mins @ 830°C (Water final 15 mins)

BS EN 50200:2015 PH30, PH60 & PH120

- Fire & Mechanical Shock - total of 120 mins @ 830°C (MS every 5 mins)

BS 6387:2013 CWZ

- C - Fire only for 180 mins (3 hours) @ 950°C
- W- Fire & Water for 30 mins @ 650°C (Water final 15 mins)
- Z - Fire & Mechanical Shock for 15 mins @ 950°C (MS every 30 seconds)

BS EN 60754-1:2014

Halogen Emission Standard

BS EN 61034-2:2005

Low Smoke Standard

BS EN 60332-1:2004

Single Cable Retardancy

BS EN 60332-3-24 & -3-25:2009

Bunched Cable Retardancy

BS 60228 Inc. Corrigendum 1

ETP1 High Grade Copper



Main Tel:+44 (0)1928 581098 Sales Tel: +44 (0)1928 503500 Fax: +44 (0)1928 581099





Technical Specifications

Tested & Complies with	Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard Flame Retardancy	BS EN 50200:2015+Annex E 30 mins BS EN 50200:2015 PH30, PH60 & PH120 BS 6387:2013 CWZ BS EN 60754-1:2014 BS EN 61034-2:2005 BS EN 60332 Single & Bunched Cables	Approximate Weights	2 Core with Drain Wire	0.50mm ² 0.75mm ² 1.00mm ² 1.50mm ² 2.50mm ²	TBC / 100 m TBC / 100 m 7.9 Kg / 100 m 8.7 Kg / 100 m 12.1 Kg / 100 m	
Materials	Drain Wire Conductors Core Insulation Screening Outer Sheath	Tinned Annealed Copper Plain Annealed Copper Fire Resistant Silicone Aluminium Foil Low Smoke Halogen Free Thermoplastic		3 Core with Drain Wire	0.50mm ² 0.75mm ² 1.00mm ² 1.50mm ² 2.50mm ²	8.2 Kg / 100 m 8.4 Kg / 100 m 9.4 Kg / 100 m 12.1 Kg / 100 m 17.4 Kg / 100 m	
Working Voltage	Core to Core Core to CPC	500V 300V		4 Core with Drain Wire	0.75mm ² 1.00mm ² 1.50mm ² 2.50mm ² 4.00mm ²	8.8 Kg / 100 m 9.7 Kg / 100 m 13.1 Kg / 100 m 20.2 Kg / 100 m 29.4 Kg / 100 m	
Types	Outer Sheath Colours Number of Cores Inner Cores CSA	Red, White or Black 2, 3 & 4 Core 0.50, 0.75, 1.0, 1.5 & 2.5mm ² CSA		Current Rating (Current Ratings listed are at 30°C Refer to BS7671/EE Wiring Regulations for de-rating factor)	Cable Clipped (DC or Single Phase AC) Enclosed (DC or Single Phase AC)	0.50mm ² 0.75mm ² 1.00mm ² 1.50mm ² 2.50mm ² 0.50mm ² 0.75mm ² 1.00mm ² 1.50mm ² 2.50mm ²	TBA TBA 15A 19.5A 27A TBC TBC 13A 16.5A 23A
Resistance Maximum	0.50mm ² CSA 0.75mm ² CSA 1.00mm ² CSA 1.50mm ² CSA 2.50mm ² CSA	34.3 Ohms / 1 Km 22.8 Ohms / 1 Km 18.1 Ohms / 1 Km 12.1 Ohms / 1 Km 7.33 Ohms / 1 Km		Capacitance Rating	1.5mm ² CSA 2 Core & CPC 3 Core & CPC 4 Core & CPC ~ 2.5mm ² CSA 2 Core & CPC 3 Core & CPC 4 Core & CPC ~	Core to Core - Average 70 pF/m Core to Screen - Average 130 pF/m Core to Core - Average 75 pF/m Core to Screen - Average 150 pF/m Core to Core - Average 80 pF/m Core to Screen - Average 145 pF/m Core to Core - Average 85 pF/m Core to Screen - Average 165 pF/m	
Minimum Bend Radius	Radius = 6 x Diameter			Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable	
Operating Temp.	Minimum/Maximum	- 40°C to +90°C					
Installation Temp.	Minimum/Maximum	0°C to +70°C					
Voltage Drop (DC or Single Phase AC)	0.50mm ² CSA 0.75mm ² CSA 1.00mm ² CSA 1.50mm ² CSA 2.50mm ² CSA	83 Ohms mV / A / m 62 Ohms mV / A / m 44 Ohms mV / A / m 29 Ohms mV / A / m 18 Ohms mV / A / m					
Approximate Overall Diameter	2 Core 3 Core 4 Core	0.50mm ² / 7.55mm 0.75mm ² / 7.60mm 1.00mm ² / 7.75mm 1.50mm ² / 7.85mm 2.50mm ² / 9.20mm 0.50mm ² / 7.75mm 0.75mm ² / 7.85mm 1.00mm ² / 7.95mm 1.50mm ² / 8.80mm 2.50mm ² / 9.70mm 0.75mm ² / 8.00mm 1.00mm ² / 8.20mm 1.50mm ² / 9.45mm 2.50mm ² / 11.70mm 4.00mm ² / 13.75mm					

Product Codes

Red Sheath

Red 1.00mm ² Cores & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
1.00mm ²	100m	2 Cores & Drain	VXP - 210DR	60	1
1.00mm ²	100m	3 Cores & Drain	VXP - 310DR	60	1
1.00mm ²	100m	4 Cores & Drain	VXP - 410DR	60	1
Red 1.50mm ² Cores & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
1.50mm ²	100m	2 Cores & Drain	VXP - 215DR	60	1
1.50mm ²	100m	3 Cores & Drain	VXP - 315DR	60	1
1.50mm ²	100m	4 Cores & Drain	VXP - 415DR	60	1
Red 2.50mm ² Cores & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
2.50mm ²	100m	2 Cores & Drain	VXP - 225DR	60	1
2.50mm ²	100m	3 Cores & Drain	VXP - 325DR	60	1
2.50mm ²	100m	4 Cores & Drain	VXP - 425DR	60	1
Red 4.00mm ² Core & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
4.00mm ²	100m	2 Cores & Drain	VXP - S240DR	60	1
4.00mm ²	100m	3 Cores & Drain	VXP - S340DR	60	1
4.00mm ²	100m	4 Cores & Drain	VXP - S440DR	60	1

Black Sheath

Black with 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
1.00mm ²	100m	2 Cores & Drain	VXP - 210DBK	60	1
1.50mm ²	100m	2 Cores & Drain	VXP - 215DBK	60	1

White Sheath

White 1.00mm ² Cores & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
1.00mm ²	100m	2 Cores & Drain	VXP - 210DW	60	1
1.00mm ²	100m	3 Cores & Drain	VXP - 310DW	60	1
1.00mm ²	100m	4 Cores & Drain	VXP - 410DW	60	1
White 1.50mm ² Cores & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
1.50mm ²	100m	2 Cores & Drain	VXP - 215DW	60	1
1.50mm ²	100m	3 Cores & Drain	VXP - 315DW	60	1
1.50mm ²	100m	4 Cores & Drain	VXP - 415DW	60	1
White 2.50mm ² Cores & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
2.50mm ²	100m	2 Cores & Drain	VXP - 225DW	60	1
2.50mm ²	100m	3 Cores & Drain	VXP - 325DW	60	1
2.50mm ²	100m	4 Cores & Drain	VXP - 425DW	60	1
White 0.50mm ² Core & 0.80mm Drain Wire					
Reel	Cores	Code	Pallet	Min Qty	
4.00mm ²	100m	2 Cores & Drain	VXP - S240DW	60	1
4.00mm ²	100m	3 Cores & Drain	VXP - S340DW	60	1
4.00mm ²	100m	4 Cores & Drain	VXP - S440DW	60	1

0.50mm² & 0.75mm² Conductors in 2, 3 & 4 Core Versions are available in all Sheath colours - MOQ applies.



CERTIFICATION
To download full copy visit either
www.ventcroft.co.uk
or LPCB's www.redbooklive.com site



FIRE *Fire Cable Clips and Saddles* *Copper - Low Smoke - Zero Halogen*

Ideal for use with *NoBurn* fire cable and most other fire cable brands.

The Cable Clips are manufactured by Dip Coated Technique which ensures a softer edge so as not to cut or damage the fire cable.

Coating resistant to cracking when bent under normal use.

P Clips and Saddle Clips are available in colours Red, White and Black.

Plastic Cable Clips must not to be used at anytime as the main support for fire performance Cables.

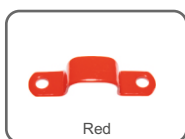
Ensure your installation of fire cable meets the requirements of BS 5839:2013.

Copper Cable Clips with Coating.
Complies to:-

- ▶ BS 476 Pt.6 Fire Propagation
- ▶ BS 476 Pt.7 Surface Spread of Flame
- ▶ UL94 Vertical Burn Test
- ▶ Meets the cable support requirements of BS 5839-1:2013
- ▶ CE Compliant



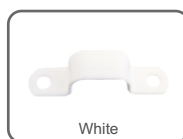
Red



Red



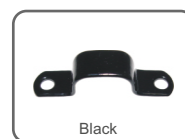
White



White



Black



Black

Strong, Malleable & Fast to Install

Product Codes

Red	Equivalent	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	Code
Single Cable P Clip	32	2 Core & 3 Core	2 Core			VCA - C7SR
Single Cable P Clip	34	4 Core	3 Core & 4 Core	2 Core & 3 Core		VCA - C9SR
Single Cable P Clip	37		7 Core	4 Core		VCA - C11SR
Single Cable P Clip	40			7 Core	2 Core & 3 Core	VCA - C12SR
Single Cable P Clip	43				4 Core	VCA - C15SR
	SWG Size					
Red	Equivalent	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	Code
Double Cable Saddle		2 Core & 3 Core	2 Core			VCA - S8DR
Double Cable Saddle		4 Core	3 Core & 4 Core	2 Core & 3 Core		VCA - S9DR
Double Cable Saddle				4 Core	2 Core & 3 Core	VCA - S11DR
White	Equivalent	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	Code
Single Cable P Clip	32	2 Core & 3 Core	2 Core			VCA - C7SW
Single Cable P Clip	34	4 Core	3 Core & 4 Core	2 Core & 3 Core		VCA - C9SW
Single Cable P Clip	37		7 Core	4 Core		VCA - C11SW
Single Cable P Clip	40			7 Core	2 Core & 3 Core	VCA - C12SW
Single Cable P Clip	43				4 Core	VCA - C15SW
	SWG Size					
White	Equivalent	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	Code
Double Cable Saddle		2 Core & 3 Core	2 Core			VCA - S8DW
Double Cable Saddle		4 Core	3 Core & 4 Core	2 Core & 3 Core		VCA - S9DW
Double Cable Saddle				4 Core	2 Core & 3 Core	VCA - S11DW
Black	Equivalent	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	Code
Single Cable P Clip	32	2 Core & 3 Core	2 Core			VCA - C7SBK
Single Cable P Clip	34	4 Core	3 Cores & 4 Core	2 Core & 3 Core		VCA - C9SBK
	SWG Size					
Black	Equivalent	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	Code
Double Cable Saddle		2 Core & 3 Core	2 Core			VCA - S8DBK
Double Cable Saddle		4 Core	3 Core & 4 Core	2 Core & 3 Core		VCA - S9DBK

*Note: Clip size for Enhanced Fire Cable may be different



BS 4737-3.30:2015 Compliance

Manufactured in the UK

100% Tinned Copper Conductors
Core Resistance & Quality

Over 30 years experience of quality intruder cable manufacturing in the United Kingdom.

Our Intruder Alarm cable is manufactured to British & European standards required by BS 4737-3.30:2015 & DD CLS/TS EN 50131-7:2010 and insulated with high grade PVC & LSZH materials for assured flexibility.

Pro-Supreme LSZH, Pro-Supreme and Pro-Standard cable ranges - Specifically designed & tailored to suit the individual performance and price requirements of contractors installing and servicing domestic & light commercial systems and high security & large commercial alarm systems requiring Type 1, Type 2 & Type 3 BS 4737-3.30:2015 alarm cables.

PRO-SUPREME ALARM CABLE LSZH TYPE 1

7 Strands of Grade 1 Tinned Copper. CPR compliant.

- Core resistance less than 100 Ohms per km. Longer cable runs for External Sounder & Strobe Operation.
- Low Smoke & Zero Halogen Sheath and Insulation materials. LSZH protects people and equipment from life threatening smoke and toxic and corrosive gas in the event of fire. PRO-Supreme LSZH complies with BS EN 60754-1 Halogen & BS EN 61034-2 Smoke emission Standards.
- Flame retardant to BS EN 60332-1-2, the cable sheath self extinguishes under fire conditions preventing propagation of fire.
- **Green** Identification Ripcord.

PRO-SUPREME ALARM CABLE PVC TYPE 2

7 Strands of Grade 1 Tinned Copper. CPR compliant.

- Core resistance less than 100 Ohms per km. Longer cable runs for External Sounder & Strobe Operation.
- High grade PVC Type TI 1 insulation and Type 6 Sheath to BS EN 50363-4-1.
- **Red** Identification Ripcord.

SCREENED PRO-Supreme Types also available with Aluminium EMC/Pet Foil Screen & Drain Wire.

PRO-STANDARD ALARM CABLE PVC TYPE 3

7 Strands of Grade 1 Tinned Copper. CPR compliant.

- Core resistance less than 155 Ohms per km.
- High grade PVC Type TI 1 insulation and Type 6 Sheath to BS EN 50363-4-1.
- **Yellow** Identification Ripcord.

Range

Available on 100m & 500m Reels
Large Range Available from Stock
4, 6, 8 and 12 core profiled cables
RoHS & REACH Compliant, Lead & Tin Free Outer Sheath
White or Brown Sheath types available

Technical Specifications

Operating Temperature -50 to +70 degrees C.
Current Rating - 1 Amp.
Maximum Voltage - 50v.
Polyester Identification Ripcord of not less than 40 N

CPR (Construction Product Regulation). Union intruder alarm cables have been tested by BASEC to meet the requirements of EN 50575, and classified to level Eca for reaction to fire with no dangerous substances produced. A Declaration of Performance for each range is available. The CE Mark is applied to all Union Cable products as our declaration the product complies with the essential requirements of CPR and relevant European health, safety and environmental product regulations.

All types suitable for use with security device levels of BS EN 50131

Our light bunching process minimises accidental cable distress when pulling through and during cable installation fixing.

Cables to meet all NEW BS 4737-3.30:2015 Types



Supplied on user Friendly Plastic Reels

Our Cable

The continued growth in demand for our cables is proof that our expertise, investment and commitment has resulted in the highest quality, most user friendly and competitive fire and intruder cables manufactured in the UK.

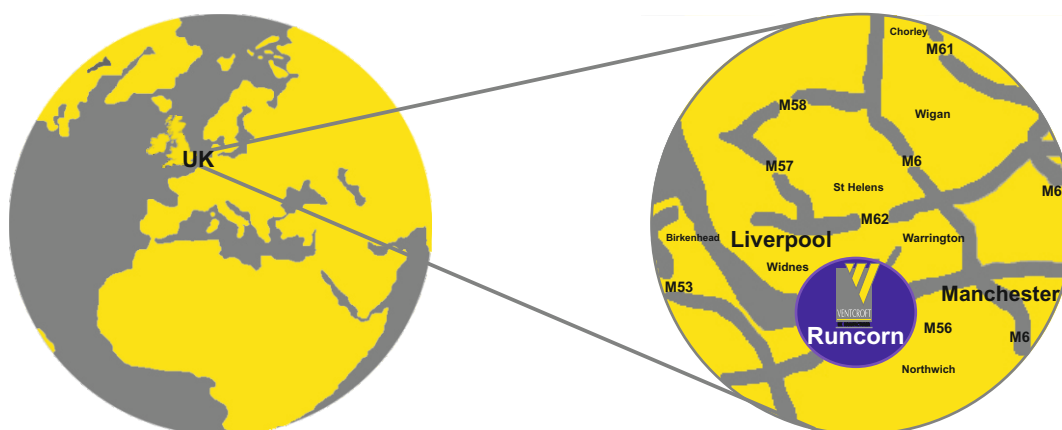
We recently built and moved to an expanded purpose built cable manufacturing factory which houses the most modern manufacturing plant and test labs for BS 5839 soft skin cables in the World.

As one of the largest independent fire & security manufacturers in the UK, we are proud of our unique level of investment in new, state of the art cable manufacturing plant which includes robotic engineering and CCTV controlled finishing of our fire cable - enabling us to manufacture cable more economically, faster and more reliably without compromising quality.

Our management and staff are so proud of our operation; we welcome you to visit our factory to see for yourself every stage of our cable manufacturing process. Take a tour of our design, development, testing and quality control laboratory, and see our cable being manufactured with our state of the art, fully automated production plant, and review the care we take to ensure every reel is made to the same high quality every time. Check for yourself our ability to trace every part of the process and all materials used – from who loaded the van with your order or if so needed, which mine in the world the copper in your cable came from. Every reel of NoBurn fire cable carries its own individual batch number for full traceability.

Experience and care is what makes us a better supplier than our competitors and what makes Ventcroft a world class manufacturer. We welcome future and existing customers to our facility at Runcorn to meet the team behind the world's fastest growing fire cable manufacturer.

For more than two decades the Ventcroft team have developed, and continue to maintain the standards of our fire and security product cable range, and we have taken pride in our user friendly features, quality and reliability the products offer. At Ventcroft we appreciate just how important our customers are. If you ask and we can – we will, if you ask and we can't, we will try and find out how we can – no matter what the question.



Ventcroft Ltd.
Faraday Road, Astmoor Industrial Estate,
Runcorn, Cheshire, WA7 1PE

Main Tel: +44 (0)1928 581098 Sales Tel: +44 (0)1928 503500
Fax: +44 (0)1928 581099

www.ventcroft.co.uk

