



HAMPTON™

Commercial Products Catalogue

UK manufacturers of:

Chain Link Fencing
Hinge Joint Fencing
X NET™ Fencing
Barbed Wires
Line Wires and Staples

Also suppliers of Hexagonal Wire Netting

Welcome to our new commercial fencing brochure which features an even more comprehensive range of products to give you, our customer, an even greater choice.

As one of the UK's premier manufacturers of wire fencing and related products one of our aims is to provide you with the widest selection to meet your fencing needs supported by continuity of supply and competitive prices.

Manufactured on state of the art equipment at our factory in Wellingborough, Northamptonshire, our long list of traditional favourites, is now joined by the new X NET™ product. With its strength and flexibility of specification, X NET™ will give you an exciting alternative, as well as a solution, to your more demanding or unusual fencing requirements.

Whilst there is much that is new to tell you about we have retained our more traditional qualities of which we are so proud:-

- High class product manufactured to exacting standards in the U.K.
- Top drawer approach to customer service
- Professional yet friendly sales staff
- A promise is a promise

Since our last publication I am pleased to tell you that we have gained the prestigious environmental standard BS EN 14001 to accompany our BS EN 9001 quality certification.

I am sure you will find much to interest you in this new brochure together with those covering agricultural and equine products and now X NET™. Please also visit our newly updated website www.hamptonsteel.co.uk

Peter Matten, our Sales Manager, and his dedicated sales team are poised to receive your calls and discuss your requirements

As always all of us at HAMPTON™ want to be of service to you.

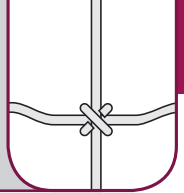
Mark Johnson
Managing Director
Hampton Steel Limited

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A member of the **Findlay Durham & Brodie Limited Group of Companies** founded in 1852 with over 50 years of experience in the supply of steel and wire products to the U.K.

X NET™ really can be configured according to your requirements



Fixed X NET™ Joint

The first machine of its kind in Europe is now at Hampton.

With the installation of a brand new, state of the art machine at our Northamptonshire plant, we have moved to the forefront of fixed knot wire fencing.

This revolutionary machine is built to the highest specifications and offers speed and versatility placing it at the top of its class.

One of the core features that sets X NET™ apart is its versatility. Mesh sizes can be as varied as the application or sector demands and hinged lower or upper sections are an easy addition to the configuration. Stay wire spacings can be set at between 2" and 48" and line wires can be spaced in 1" increments between 2" and 10" according to your requirements.

The strength afforded by the use of high tensile wire and the X shaped knotted joint, combined with the flexibility of specification offered by

X NET™ Fencing up to 2.6 metres high available

the X NET™ fencing system, makes X NET™ a powerful alternative to traditional wire fencing solutions

All our fences are manufactured to BS EN 10223 and unless otherwise requested, all wires used are manufactured to BS4102 and galvanised to BS EN 10244-2 Class A.

X NET™ Features & Benefits

Strength – X shaped knotted joint grips vertical and horizontal wires in position

Ease of erection & maintenance – rigid X joint design makes installation easier and quicker, requiring fewer posts

Faster stripping ends – super fast stay wire stripping in just one snip per joint

Animal and person friendly – X shaped smooth joint reduces the risk of injury to animals and people

Extended ends – to make the job of the contractor even easier

Cost and labour efficient – larger 500 metre rolls available



A choice of grades

XNHT	Full high tensile where the strongest fence is demanded
XLHT	Lighter high tensile for applications where additional fence strength is still required

Wire Gauges and Tensile Strengths by Fence Grade

Grade	Line Wires		Stay Wires		Knots	
	Nominal Wire Dia. (mm)	Minimum Tensile Strength (N/mm ²)	Nominal Wire Dia. (mm)	Minimum Tensile Strength (N/mm ²)	Nominal Wire Dia. (mm)	Minimum Tensile Strength (N/mm ²)
XNHT	2.50	1050	2.50	600	2.50	350
XLHT	2.00	1050	2.00	600	2.00	350

Do not forget the wide range of customer specifiable fence configurations and lengths at your disposal, with many patterns available in jumbo, **500m length rolls**.

Manufactured to BS EN 10223-5. Wire produced to BS 4102. Fully galvanised to BS EN 10244-2 Class A.

Chain Link Fencing

Galvanised

- Manufactured to BS EN 10223-6
- Wire produced to BS 4102
- Wire galvanised to BS EN10244-2 Class A
- 50mm mesh as standard
- Other mesh sizes available
- Available in low (under 600N/mm²) or high (over 600N/mm²) tensile formats and now 1050N/mm²(min)



Galvanised specifications					
Wire Diameters (mm)	2.50	3.00	3.55	2.50	3.15
Tensile Strength	Low/High	Low/High	Low/High	1050 N/mm ²	
Typical Heights (mm)	Standard Roll Lengths (metres)				
900	25	25	12.5	25	25
1050	25	25	12.5	25	25
1200	25	25	12.5	25	25
1400	25	12.5 / 25	12.5	25	12.5
1500	25	12.5 / 25	12.5	25	12.5
1800	25	12.5 / 25	12.5	25	12.5
2000	12.5	12.5	12.5	12.5	12.5
2100	12.5	12.5	12.5	12.5	12.5
2150	12.5	12.5	12.5	12.5	12.5
2400	12.5	12.5	12.5	12.5	12.5
2750	12.5	12.5	12.5	12.5	12.5
3000	12.5	12.5	12.5	12.5	12.5
3050	12.5	12.5	12.5	12.5	12.5
3600	12.5	12.5	12.5	12.5	12.5

PVC Coated

- Manufactured to BS EN 10223-6
- Wire core produced to BS 4102
- Wire galvanised to BS EN 10244-2 Class D as standard
- Green or black plastic coatings as standard
- 50mm mesh as standard
- Other mesh sizes available
- Available in low (under 600N/mm²) or high (over 600N/mm²) tensile formats

PVC Coated specifications					
Product (mm)	2.50 / 1.70	3.15 / 2.24	3.55 / 2.50	4.00 / 3.00	4.75 / 3.55
Finished Diameter (mm)	2.50	3.15	3.55	4.00	4.75
Core Wire (mm)	1.70	2.24	2.50	3.00	3.55
Typical Heights (mm)	Standard Roll Lengths (metres)				
900	25	12.5 / 25	12.5 / 25	12.5	12.5
1050	25	12.5 / 25	12.5 / 25	12.5	12.5
1200	25	12.5 / 25	12.5 / 25	12.5	12.5
1400	25	12.5 / 25	12.5 / 25	12.5	12.5
1500	25	12.5 / 25	12.5 / 25	12.5	12.5
1800	25	12.5 / 25	12.5 / 25	12.5	12.5
2000		12.5	12.5	12.5	12.5
2100		12.5	12.5	12.5	12.5
2150		12.5	12.5	12.5	12.5
2400		12.5	12.5	12.5	12.5
2750		12.5	12.5	12.5	12.5
3000		12.5	12.5	12.5	12.5
3050		12.5	12.5	12.5	12.5
3600		12.5	12.5	12.5	12.5

Features & Benefits of Galvanised and PVC Coated Chain Link Fencing

- Easy to roll out and erect
- Confidence and assurance that you have purchased one of the best chain link systems available
- Available with knuckled or barbed ends
- Supplied with line wires as standard

If the specification, finish, colour, roll height or length you require is not listed then please ask.



For Transport and Security

Strong, Secure, Durable. Where the application demands a perimeter or fencing solution of the highest quality, strength and assured performance yet which is still pleasing to the eye, then Hampton's X NET™ should be your number one choice.

Some of our more popular fencing specifications for transport and security are shown below. But the list of possibilities is almost endless (see page 3 - specifications).

X NET™ is extremely versatile so please contact our sales team to discuss your specific fencing requirement.

The incorporation of a single hinged line at either the top or bottom, allows the fence to be cranked to hinder climbing over or burrowing under the fence.

Features & Benefits

More Secure – X NET™ requires every line wire to be cut to gain access

Climb resistant mesh sizes – smaller apertures to deter climbing and inhibit foot holds

Animal and person friendly – X shaped smooth joint reduces the risk of injury to animals and people

Stronger – the superior design of the knotted joint holds horizontal and vertical wires tight providing a stronger fencing option than traditional wire fencing

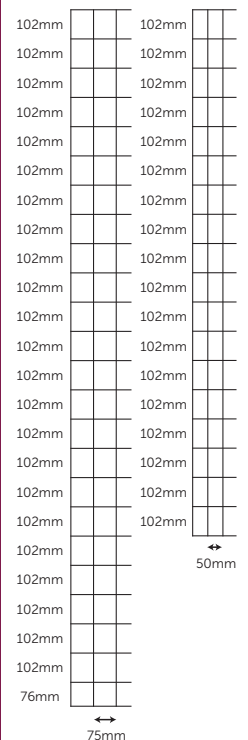
Easier to erect – advanced technology of the design makes the high tensile X NET™ almost self supporting and easier to erect

Easier Stay Wire Stripping – just one snip per joint

Cost benefits – less sagging so requiring fewer posts providing tangible labour and material cost savings

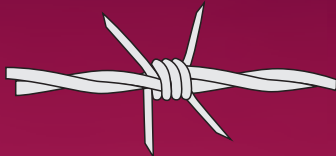
Eco-friendly – Sustainable. 100% recyclable

25/242/7.5 19/183/5



Pattern	No. Line Wires	Roll Height (cm)	Distance Between Stay Wires (cm)	Standard Roll Length (metres)	Maximum Roll Length (metres)
XNHT 19/183/5	19	183	5	100	200
XNHT 25/242/7.5	25	242	7.5	100	200

Mild Steel & High Tensile Barbed Wire



Mild Steel



High Tensile

Manufactured to BS EN 10223-1 using wire produced to BS 4102 and galvanised to BS EN 10244-2 Class A, Hampton's high quality twin strand barbed wire is available in both mild steel or high tensile options to suit a variety of applications.

Tensile	Line Wire (mm)	Barbing Wire (mm)	Twist	Typical Roll Length (metres)
Mild Steel	2.50	2.00	Conventional	200
High Tensile	1.60	1.45	Reverse	200 to 2000
High Tensile	2.00	1.90	Reverse	200 to 2000



Staples

Galvanised to BSEN 10244-2 Class A, Hampton's staples are available in plain or barbed format.



Plain



Barbed

Specification (mm)	20/25kg	10kg	5kg	1kg	0.5kg
15 x 1.60	✓	✓	✓	✓	✓
20 x 2.00	✓	✓	✓	✓	✓
25 x 2.65	✓	✓	✓	✓	✓
30 x 3.55	✓	✓	✓	✓	✓
40 x 4.00	✓	✓	✓	✓	✓
50 x 5.00	✓	✓	✓	✓	✓
60 x 6.00	✓	✓	✓	✓	✓

Line, Tie and Lacing Wires

Suitable for a variety of commercial applications, Hampton's coiled wire is available in a wide choice of specifications, grades and finishes.

	Typical Coil Weights (kg)					Typical Coil Lengths (metres)				
	25	10	5	1	0.5	78	65	52	39	26
Galvanised Class A Soft: 350-550 N/mm²										
1.60mm	✓	✓	✓	✓	✓					
1.90mm	✓	✓	✓	✓	✓					
2.00mm	✓	✓	✓	✓		✓		✓		
2.50mm	✓	✓	✓			✓	✓	✓	✓	✓
3.00mm	✓	✓	✓			✓		✓		
3.15mm	✓	✓	✓			✓	✓	✓	✓	✓
3.55mm	✓	✓	✓			✓	✓	✓	✓	✓
4.00mm	✓	✓	✓							
5.00mm	✓	✓	✓							
6.00mm	✓	✓	✓							
Hard: 600-800 N/mm²										
2.00mm	✓	✓	✓							
2.50mm	✓	✓	✓							
3.00mm	✓	✓	✓							
3.15mm	✓	✓	✓							
4.00mm	✓	✓	✓							
High Tensile: 1050 N/mm² (min)										
1.60mm	✓	✓	✓							
2.00mm	✓	✓	✓							
2.50mm	✓	✓	✓							
3.15mm	✓	✓	✓							
Galvanised Class D Soft: 350-550 N/mm²										
0.90mm	✓	✓	✓	✓	✓					
1.00mm	✓	✓	✓	✓	✓					
1.25mm	✓	✓	✓	✓	✓					
1.70mm	✓	✓	✓	✓	✓					
2.00mm	✓	✓	✓	✓	✓					

Features & Benefits of Galvanised Wire

- Wire produced to BS 4102
- Galvanised to BS EN 10244-2
- Available in a choice of specifications
- Easy to handle
- Choice of coil weights

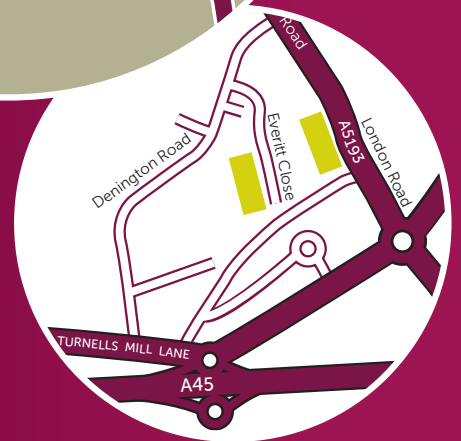
Features & Benefits of Plastic Coated Wire

- Core wire manufactured to BS 4102
- Galvanised to BS EN 10244-2 Class D as standard
- Green or Black plastic coated as standard

Plastic Coated	Typical Coil Weights (kg)					Coil Lengths (metres)					
	25	10	5	1	0.5	104	78	65	52	39	26
Soft: 350-550 N/mm²											
2.00/1.40 mm	✓	✓	✓	✓	✓						✓
3.15/2.24 mm	✓	✓	✓			✓	✓		✓		✓
3.55/2.50 mm	✓	✓	✓				✓	✓	✓	✓	✓
4.00/3.00 mm	✓	✓	✓			✓	✓	✓	✓	✓	✓
4.75/3.55 mm	✓	✓	✓				✓	✓	✓	✓	✓

If the coil size you require is not shown here, please ask.

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Wellingborough

STANDARDS

Quality

Environmental



ISO 9001



ISO 14001