

Distribution Solutions
WireSolutions



ArcelorMittal

Product catalogue

Fencing





ArcelorMittal & WireSolutions

Transforming tomorrow

ArcelorMittal

ArcelorMittal is the world's leading steel company, with operations in more than 60 countries.

ArcelorMittal is the leader in all major global steel markets, including automotive, construction, household appliances and packaging, with leading R&D and technology, as well as sizeable captive supplies of raw materials and outstanding distribution networks.

With an industrial presence in over 20 countries spanning four continents, the Company covers all of the key steel markets, from emerging to mature.

Through its core values of Sustainability, Quality and Leadership, ArcelorMittal commits to operating in a responsible way with respect to the health, safety and wellbeing of its employees, contractors and the communities in which it operates. It is also committed to the sustainable management of the environment and of finite resources.

WireSolutions

WireSolutions is the wire drawing division of ArcelorMittal and is one of the world's largest wire drawers, bringing solutions to more than 4,000 customers.

With 17 plants throughout the world, WireSolutions offers a diversified portfolio of low and high carbon wires, steel cord, strands, ropes and corrosion resistant solutions. WireSolutions is an active supplier to the automotive industry, construction, energy and agriculture.

WireSolutions is constantly looking to develop new solutions with ArcelorMittal's research centres. Our corrosion resistant solutions, with the famous 2Life® and 4Life® brands, are recognised as references. WireSolutions also proposes galvanised solutions with zinc+aluminium, organic and polyester coatings. All our products have an excellent life span guarantee.

We value our customers business and strive to be the preferred supplier. Our experience and knowledge of products and markets enable us to satisfy the most specialised requirements within tight deadlines. Our proactive and dedicated sales team aim to ensure that a close and efficient relationship is maintained with every customer.



2Life[®] and 4Life[®] coated wire

Longlife technology

WireSolutions has a strong reputation all over the world for the excellent quality of 2Life[®] & 4Life[®] coated wire.

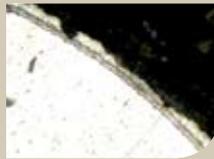
2Life[®] and 4Life[®] coating, an alloy of zinc and aluminium

Zinc gives an active, sacrificial and traditional anticorrosive coating while aluminium provides passive protection by slowing down the sacrificial reaction of the zinc coating and increasing the effective lifespan of the coating.



2Life[®]

Guaranteed **2 times** longer lifespan compared to heavily galvanised wire BS EN 10244-2 Class A.



Heavily galvanised after 20 years under external conditions



4Life[®] after 20 years under the same conditions

4Life[®]

Guaranteed **4 times** longer lifespan compared to heavily galvanised wire BS EN 10244-2 Class A.

Advantages

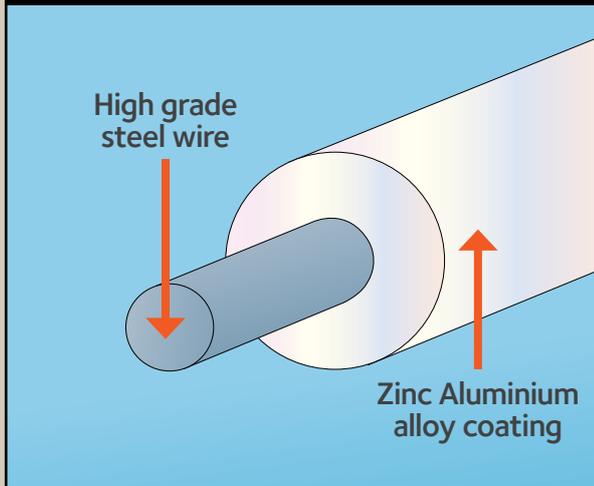
- ▶ A long-lasting smooth surface
- ▶ Perfect adhesion
- ▶ No peeling, no cracking
- ▶ Remarkable concentricity of the coating
- ▶ Extended lifetime, obvious economic advantage
- ▶ Products in perfect harmony with the environment. 2Life[®] and 4Life[®] do not use any harmful metals or plastic and are 100% recyclable.



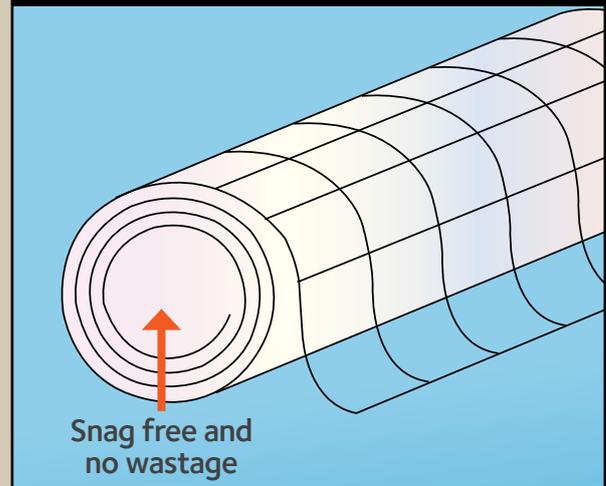
FM 509098

Stock fencing features

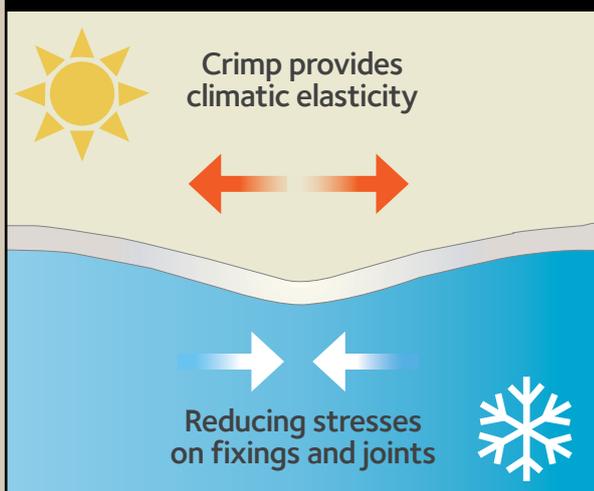
Double protection



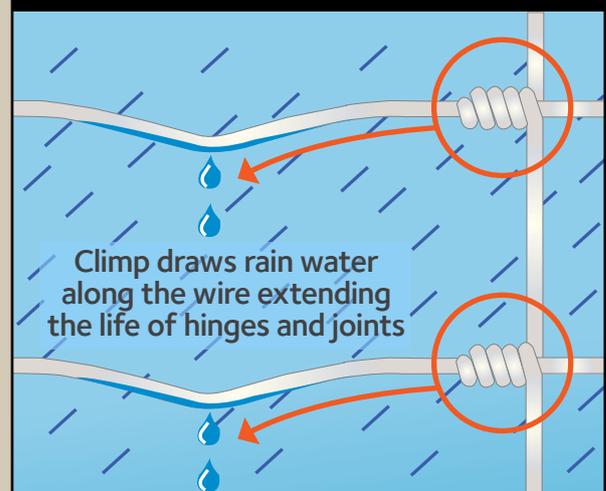
Centreless roll



Thermal shock proof



Self draining



Estate 2Life®

Light stock fencing

Product description

Hinge joint field fence manufactured with 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ A light weight conventional hinge joint field fence manufactured to BS EN 10223-5. Designed for ease of pull-up when erecting. Suitable for lambs, small livestock, temporary & pipeline fencing.
- ▶ A centreless core to provide snag free, easily rolled out fence where all of the roll can be used.
- ▶ A deep crimp between the verticals to aid tensioning over uneven ground, elasticity against livestock and different weather conditions and to allow rainwater to drain away from the joint.



Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire

Characteristics

- ▶ Other patterns, sizes and lengths can be made on request.

| Designation | Height (inches/mm) | Vertical spacing (inches/mm) | Length (yds) | Number of rolls per pallet |
|-------------|--------------------|------------------------------|--------------|----------------------------|
| L5 24 6 | 24"/600 | 6"/150 | 50 | 25 |
| L6 35 6 | 35"/890 | 6"/150 | 50 | 25 |
| L8 32 6 | 32"/800 | 6"/150 | 50 | 25 |

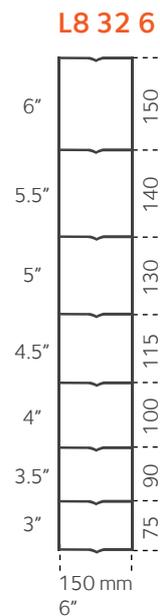
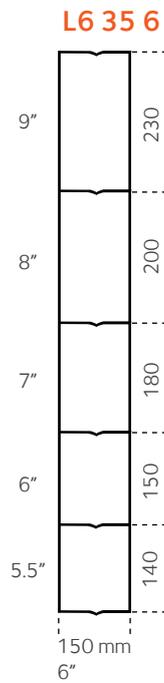
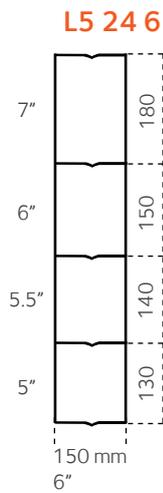
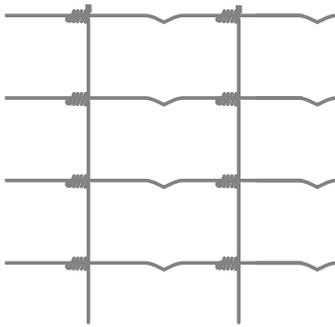
Mesh

- ▶ Top & bottom wires Ø 2.50 mm Min 600 N/mm²
- ▶ Horizontal wires Ø 1.90 mm Min 600 N/mm²
- ▶ Vertical wires Ø 1.90 mm Min 400 N/mm²



Dimensions

Light stock fencing



Estate 2Life®

Heavy stock fencing

Product description

Hinge joint field fence manufactured with 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ A conventional hinge joint field fence manufactured to BS EN 10223-5. Designed for ease of pull up when erecting. Suitable for the permanent fencing of livestock sheep, cattle, pigs etc.
- ▶ A centerless core to provide a snag free, easily rolled out fence where all of the roll can be used.
- ▶ A deep crimp between the verticals to aid tensioning over uneven ground, elasticity against livestock and different weather conditions and to allow rainwater to drain away from the joint.
- ▶ Also available with factory fitted Gripples® on all line wires.

Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire



Characteristics

- ▶ Other patterns, sizes and lengths can be made on request.

| Designation | Height (inches/mm) | Vertical spacing (inches/mm) | Length (yds) | Number of rolls per pallet |
|-------------|--------------------|------------------------------|--------------|----------------------------|
| C5 24 6 | 24"/600 | 6"/150 | 50 | 20 |
| C6 35 6 | 35"/890 | 6"/150 | 50 | 20 |
| C8 32 6 | 32"/800 | 6"/150 | 50 | 20 |

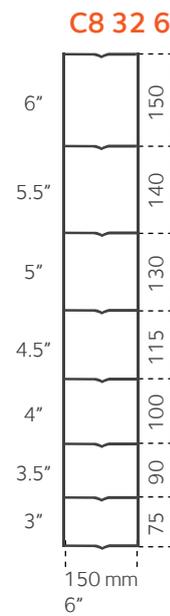
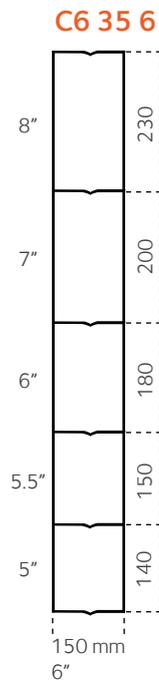
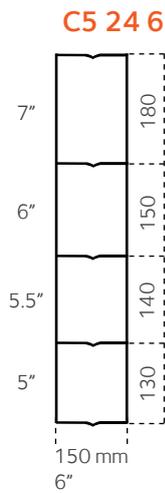
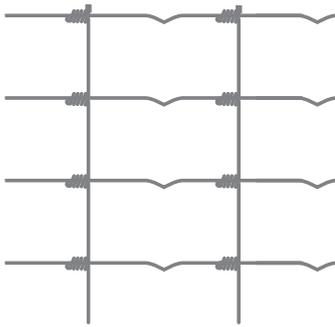
Mesh

- ▶ Top & bottom wires Ø 3.00 mm Min 600 N/mm²
- ▶ Horizontal wires Ø 2.50 mm Min 600 N/mm²
- ▶ Vertical wires Ø 2.50 mm Min 350 N/mm²



Dimensions

Heavy stock fencing



Estate 2Life®

High tensile stock fencing

Product description

Hinge joint field fence manufactured with 2Life® wire which lasts two times longer than heavily galvanised wire. Now produced using 4Life® wires for the top and bottom wires to give your fence extra life and support where it is most needed.

- ▶ A hinge joint field fence manufactured from high tensile wire made to BS EN 10223-5. Designed for ease of pull up when erecting. Suitable for the permanent fencing of livestock – sheep, cattle, pigs etc.
- ▶ A stronger fence needing fewer posts. Gripples fitted as standard to speed up joining
- ▶ A centerless core to provide a snag free easily rolled out fence where all of the roll can be used
- ▶ A deep crimp between the verticals to aid tensioning over uneven ground, elasticity against livestock and different weather conditions and to allow rainwater to drain away from the joint.
- ▶ Different widths to suit your fencing needs: 150 mm – 6" gap for strength and rigidity; 220 mm – 9" gap to lamb safe and game bird fencing; 300 mm 12": gap to prevent damage and injury to livestock.



Characteristics

- ▶ Other patterns, sizes and lengths can be made on request.

| Designation | Height (inches/mm) | Vertical spacing (inches/mm) | Length (m) | Number of rolls per pallet |
|-------------|-----------------------|---------------------------------|---------------|-------------------------------|
| GHT5 53 15 | 21"/535 | 6"/150 | 100 | 12 |
| GHT5 53 30 | 21"/535 | 12"/300 | 100 | 16 |
| GHT6 70 15 | 28"/715 | 6"/150 | 100 | 12 |
| GHT6 70 30 | 28"/715 | 12"/300 | 100 | 16 |
| GHT6 80 30 | 32"/800 | 12"/300 | 100 | 16 |
| GHT8 80 15 | 28"/715 | 6"/150 | 100/200/300 | 12/6/4 |
| GHT8 80 22 | 32"/800 | 9"/220 | 100 | 16 |
| GHT8 80 30 | 32"/800 | 12"/300 | 100 | 16 |

Coatings

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.
- ▶ 4Life® lasts four times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire



GUARANTEE | We guarantee a life span four times longer than heavily galvanised wire

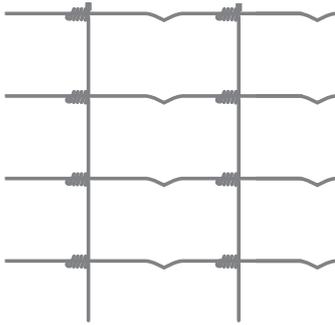
Mesh

- ▶ Top & bottom wires Ø 2.50 mm
Min 1050 N/mm²
- ▶ Horizontal wires Ø 2.50 mm
Min 1050 N/mm²
- ▶ Vertical wires Ø 2.50 mm
Min 600 N/mm²

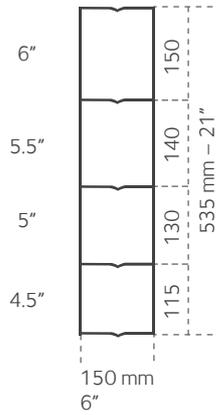


Dimensions

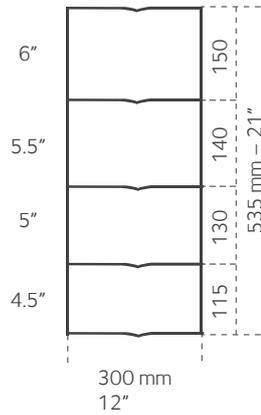
High tensile stock fencing



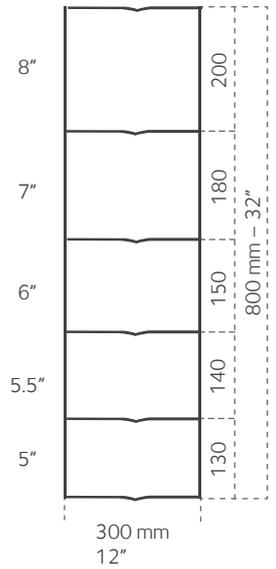
GHT5 53 15



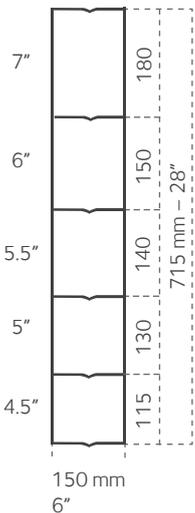
GHT5 53 30



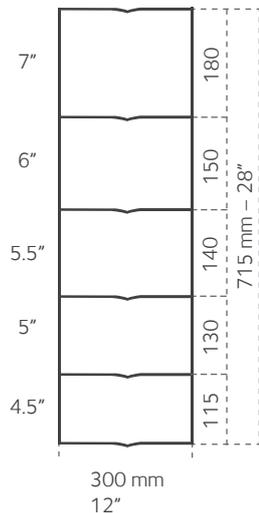
GHT6 80 30



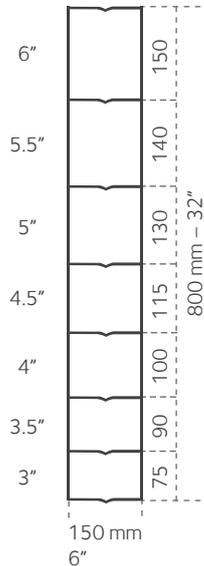
GHT6 70 15



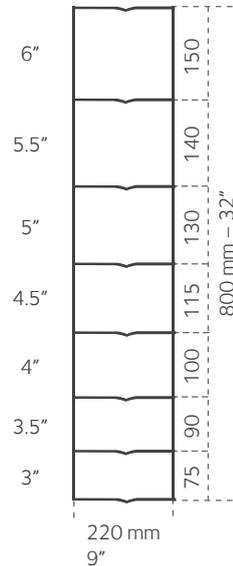
GHT6 70 30



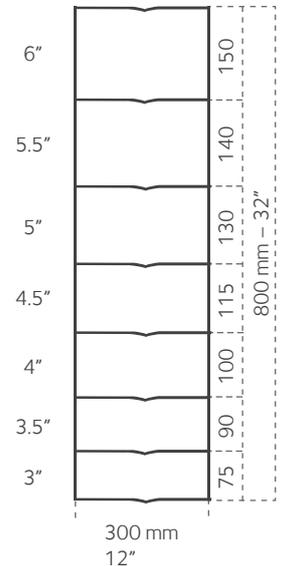
GHT8 80 15



GHT8 80 22



GHT8 80 30



Estate 2Life®

Light high tensile stock fencing

Product description

Hinge joint field fence manufactured with 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ A light weight high tensile conventional hinge joint field fence manufactured to BS EN 10223-5. Designed for ease of pull-up when erecting. Suitable for forestry, but also for lambs, small livestock, temporary & pipeline fencing.
- ▶ A centreless core to provide snag free, easily rolled out fence where all of the roll can be used.
- ▶ A deep crimp between the verticals to aid tensioning over uneven ground, elasticity against livestock and different weather conditions and to allow rainwater to drain away from the joint.



Characteristics

- ▶ Other patterns, sizes and lengths can be made on request.

| Designation | Height (inches/mm) | Vertical spacing (inches/mm) | Length (m) | Number of rolls per pallet |
|-------------|-----------------------|---------------------------------|---------------|-------------------------------|
| LHT 6 90 15 | 35"/890 | 6"/150 | 100 | 20 |
| LHT 8 80 15 | 32"/800 | 6"/150 | 100 | 16 |

Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire

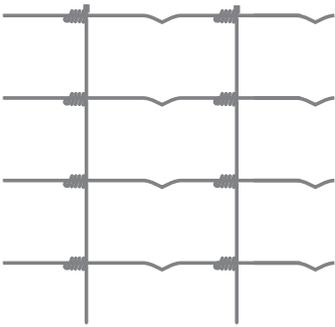
Mesh

- ▶ Top & bottom wires Ø 2.00 mm
Min 1050 N/mm²
- ▶ Horizontal wires Ø 2.00 mm
Min 1050 N/mm²
- ▶ Vertical wires Ø 2.00 mm
Min 600 N/mm²

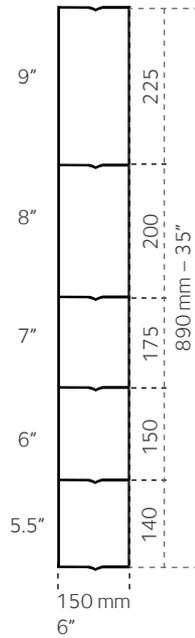


Dimensions

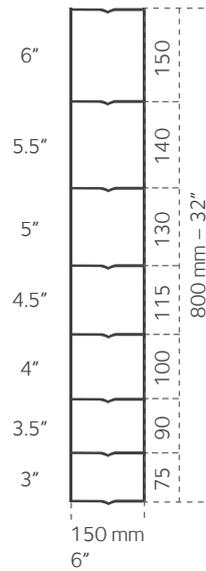
Light high tensile stock fencing



LHT6 90 15



LHT8 80 15





ArcelorMittal

Estate 2Life®

Estate mild steel barbed wire

Product description

Traditional barbed wire manufactured to BS EN 10223-1. Made from 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ Manufactured with an IOWA pattern of interlocking barbs to ensure that there is no movement of barbs along the line wires.
- ▶ Supplied on wooden reels for an easier payoff, as well as for strength and ease of disposal, and with hessian handles to be easier to carry.
- ▶ Ideal for use on top or bottom of stock fencing, use as a three or five strand cattle fence or for use with security fencing.

Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire

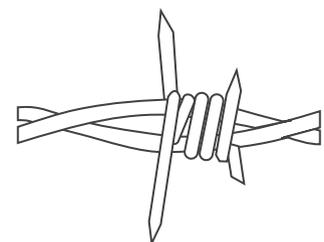


Characteristics

- ▶ Other patterns, sizes, barb spacings and lengths can be made on request.

| Wire diameter (mm) | Length (m) | Number of barbs | Tensile strength of line wire (N/mm ²) | Space between barbs (inches/mm) | Number of rolls per pallet |
|--------------------|------------|-----------------|--|---------------------------------|----------------------------|
| 2.5 | 200 | 4 | Min 350 | 4"/100 | 48 |
| 2.5 | 200 | 4 | Min 350 | 6"/150 | 60 |

Barb





Estate 2Life®

Estate high tensile barbed wire

Product description

High tensile barbed wire manufactured to BS EN 10223-1. Made from 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ Supplied on wooden reels for strength and ease of disposal, and with hessian handles to be easier to carry.
- ▶ Ideal for use on top or bottom of stock fencing, use as a three or five strand cattle fence or for use with security fencing.
- ▶ Uses high tensile wire for increased strength and durability.

Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire

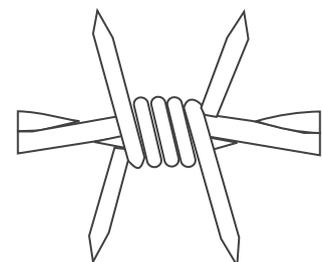


Characteristics

- ▶ Other patterns, sizes and lengths can be made on request.

| Wire diameter (mm) | Length (m) | Number of barbs | Tensile strength of line wire (N/mm ²) | Space between barbs (inches/mm) | Number of rolls per pallet |
|--------------------|------------|-----------------|--|---------------------------------|----------------------------|
| 1.6 | 200 | 4 | Min 950 | 4"/100 | 60 |

Barb





Estate 2Life®

Scorpio heavy duty high tensile barbed wire

Product description

High tensile barbed wire made from 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ Supplied on wooden reels for strength and ease of disposal, and with hessian handles to be easier to carry.
- ▶ Ideal for use on top or bottom of stock fencing, use as a three or five strand cattle fence or for use with security fencing.
- ▶ Uses thicker line wires than standard high tensile barbed wire for added strength and durability.

Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire

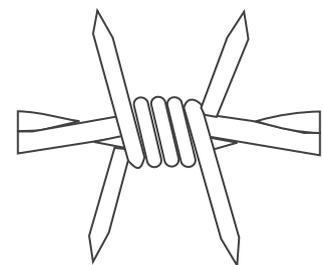


Characteristics

- ▶ Other patterns, sizes and lengths can be made on request.

| Wire diameter (mm) | Length (m) | Number of barbs | Tensile strength of line wire (N/mm ²) | Space between barbs (inches/mm) | Number of rolls per pallet |
|--------------------|------------|-----------------|--|---------------------------------|----------------------------|
| 2.0 | 200 | 4 | Min 1050 | 4"/100 | 48 |

Barb





Estate 2Life®

Coiled wire

Product description

Plain wire coils manufactured from 2Life® wire which lasts two times longer than heavily galvanised wire.

- ▶ Can be used to increase the height of a fence, straining wire for posts or in electrical fencing applications.
- ▶ Available in a wide choice of diameters to best suit the application, and also in different coil weights (25, 10 and 5 kg).

Coating

- ▶ 2Life® lasts two times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span two times longer than heavily galvanised wire



Characteristics

- ▶ Other sizes and lengths can be made on request.

| Type | Tensile strength of line wire (N/mm ²) | Gauge (mm) | Weight (kg) | Approx length (m) |
|--------------|--|------------|-------------|-------------------|
| Mild steel | Min 550 | 4.00 8G | 25 | 250 |
| Mild steel | Min 600 | 3.15 10G | 25 | 410 |
| Mild steel | Min 600 | 2.50 12G | 25 | 650 |
| Mild steel | Min 600 | 2.00 14G | 25 | 1020 |
| High tensile | Min 1050 | 3.15 10G | 25 | 410 |
| High tensile | Min 1050 | 2.50 12G | 25 | 650 |
| High tensile | Min 1050 | 2.00 14G | 25 | 1020 |



Estate 4Life®

Staples

Product description

Presser point staples manufactured from 4Life® wire to provide even longer life.

- ▶ Various sizes and packaging options available to suit the application.

Coating

- ▶ 4Life® lasts four times longer than heavily galvanised wire BS EN 10244-2 Class A.



GUARANTEE | We guarantee a life span four times longer than heavily galvanised wire



Characteristics

| Size (mm) | Approx no. per kg | Tub size (kg) | Quantity per pallet |
|-----------------|-------------------|---------------|---------------------|
| 15 x 1.60 | 2060 | 20 | 44 |
| 20 x 2.00 | 930 | 20/10 | 44/88 |
| 25 x 2.65 | 490 | 20/10 | 44/88 |
| 30 x 3.55 | 360 | 20/10/5 | 44/88/176 |
| 40 x 4.00 | 135 | 20/10/5 | 44/88/176 |
| 50 x 5.00 | 70 | 20 | 44 |
| Barbed 40 x 4.0 | 135 | 20 | 44 |



Gripple®

For an easy installation of fencing

Product description

- ▶ A comprehensive range of wire joining products for use in fencing.
- ▶ **Gripple®** can reduce the time taken to install and maintain fencing. High performance ceramic roller enables a secure grip on all types of wire.
- ▶ Various sizes and pack quantities to offer the best solution for your fencing.



Characteristics

| Size | Wire size (mm) | Max load | | Pack size |
|--------|-------------------|----------|------|--------------------|
| | | (kg) | (lb) | |
| Small | 1.40 - 2.20 | 300 | 660 | 300 (15 x 20 pack) |
| Medium | 2.00 - 3.20 | 400 | 880 | 200 (10 x 20 pack) |
| Large | 3.25 - 4.20 | 600 | 1320 | 120 (12 x 10 pack) |
| Barbed | 2 x 2.50 | 150 | 330 | 200 (20 x 10 pack) |
| Jumbo | 2.50 - 3.15 | 600 | 1320 | 120 (12 x 10 pack) |
| T Clip | 1.80 - 3.25 | N/A | N/A | 200 (10 x 20 pack) |

- ▶ We also stock tool deals which include the torq tensioning tool along with medium gripples. This has an adjustable tension gauge which helps to ensure consistent tension every time.

Starter pack Torq tool + 50 medium gripples (2 x 25 pack)

Tool deal Torq tool + 250 medium gripples (10 x 25 pack)



Estate chainlink fencing

Heavily galvanised wire

Product description

Chainlink fencing produced from minimum heavily galvanised wire produced to BS EN 10224-2 Class A. Produced with either knuckles on both edges or defensive barbs along one edge and knuckles along the other edge.

- ▶ Semi tight wound for the best flexibility in both transportation and erection.
- ▶ Available in heights up to 4000 mm.
- ▶ Also available in **2Life**[®] wire which will last two times longer than heavily galvanised wire.



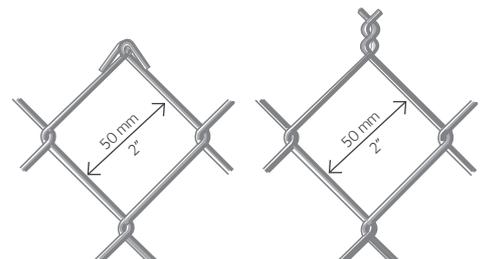
Characteristics

- ▶ Other lengths, gauges, heights and mesh sizes available to order.

| Mesh size (mm) | Wire diameter (mm) | Height (cm) | Length (yds) | Number of rolls per pallet |
|----------------|--------------------|-------------|--------------|----------------------------|
| 50 | 2.5 12G | 900 | 25/12.5 | 12 |
| 50 | 2.5 12G | 1200 | 25/12.5 | 12 |
| 50 | 2.5 12G | 1800 | 25/12.5 | 12 |
| 50 | 2.5 12G | 2400 | 25/12.5 | 12 |
| 50 | 3.0 11G | 900 | 25/12.5 | 9 |
| 50 | 3.0 11G | 1200 | 25/12.5 | 9 |
| 50 | 3.0 11G | 1800 | 25/12.5 | 9 |
| 50 | 3.0 11G | 2400 | 12.5 | 9 |
| 50 | 3.55 9G | 900 | 25/12.5 | 9 |
| 50 | 3.55 9G | 1200 | 25/12.5 | 9 |
| 50 | 3.55 9G | 1800 | 12.5 | 9 |
| 50 | 3.55 9G | 2400 | 12.5 | 9 |

Mesh

- ▶ Size: 50 x 50 mm (2" x 2")
- ▶ Other mesh sizes available to order





Estate chainlink fencing

PVC coating with galvanised wire core

Product description

PVC coated chain link fence with galvanised wire cores.

- ▶ Chain link fence produced from galvanised wire with a protective organic coating. Produced with either defensive barbs along one edge and knuckles along the other edge, knuckles along both edges.
- ▶ Semi tight wound for the best flexibility in both transportation and erection.
- ▶ Available made to order in heights up to 4000 mm.

Coating

- ▶ PVC coating with galvanised wire core.

Colours

- ▶ Green, Black.



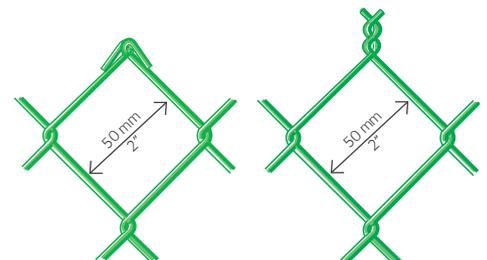
Characteristics

- ▶ Other lengths, gauges, heights and mesh sizes available to order.

| Mesh size (mm) | Wire diameter (mm) | Height (cm) | Length (yds) | Number of rolls per pallet |
|----------------|--------------------|-------------|--------------|----------------------------|
| 50 | 2.50/170 12G/14G | 900 | 25/12.5 | 12 |
| 50 | 2.50/170 12G/14G | 1200 | 25/12.5 | 12 |
| 50 | 2.50/170 12G/14G | 1800 | 25/12.5 | 12 |
| 50 | 2.50/170 12G/14G | 2400 | 25/12.5 | 12 |
| 50 | 2.50/170 10G/12G | 900 | 25/12.5 | 9 |
| 50 | 3.15/2.24 10G/12G | 1200 | 25/12.5 | 9 |
| 50 | 3.15/2.24 10G/12G | 1800 | 25/12.5 | 9 |
| 50 | 3.15/2.24 10G/12G | 2400 | 12.5 | 9 |
| 50 | 3.15/2.24 10G/12G | 900 | 12.5 | 9 |
| 50 | 3.55/2.50 9G/11G | 1200 | 12.5 | 9 |
| 50 | 3.55/2.50 9G/11G | 1800 | 12.5 | 9 |
| 50 | 3.55/2.50 9G/11G | 2400 | 12.5 | 9 |

Mesh

- ▶ Size: 50 x 50 mm (2" x 2")
- ▶ Other mesh sizes available to order





Estate chainlink fencing

PVC coating with heavily galvanised wire core

Product description

Plastic coated chain link fence with heavily galvanised wire cores to provide improved longevity.

- ▶ Chainlink fence produced from wire with a heavily galvanised core to BS EN 10224 Class A and then PVC coated.
- ▶ Semi tight wound for the best flexibility in both transportation and erection.
- ▶ Available in heights up to 4000 mm.

Coating

- ▶ PVC coating with heavily galvanising to BS EN 10244-2 Class A

Colours

- ▶ Green, Black



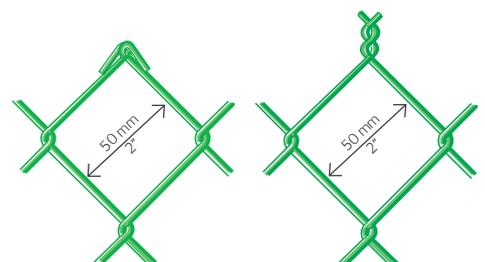
Characteristics

- ▶ Other lengths, gauges, heights and mesh sizes available to order.

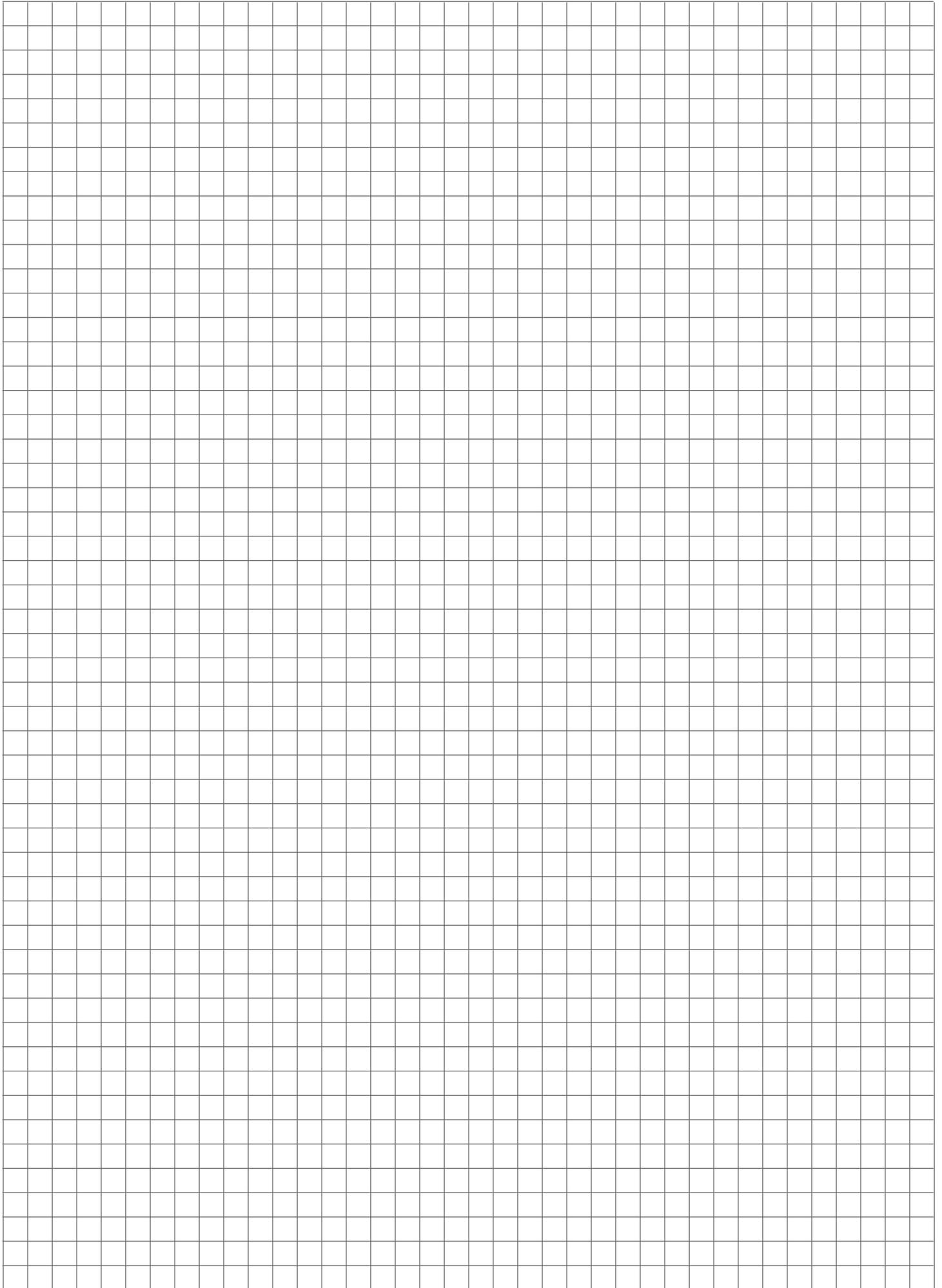
| Mesh size (mm) | Wire diameter (mm) | Height (cm) | Length (yds) | Number of rolls per pallet |
|----------------|--------------------|-------------|--------------|----------------------------|
| 50 | 3.15/2.24 12G/14G | 900 | 25/12.5 | 9 |
| 50 | 3.15/2.24 12G/14G | 1200 | 25/12.5 | 9 |
| 50 | 3.15/2.24 12G/14G | 1800 | 25/12.5 | 9 |
| 50 | 3.15/2.24 12G/14G | 2400 | 25/12.5 | 9 |
| 50 | 3.55/2.50 10G/12G | 900 | 25 | 9 |
| 50 | 3.55/2.50 10G/12G | 1200 | 25 | 9 |
| 50 | 3.55/2.50 10G/12G | 1800 | 25 | 9 |
| 50 | 3.55/2.50 10G/12G | 2400 | 25 | 9 |
| 50 | 4.00/3.00 9G/11G | 900 | 25 | 9 |
| 50 | 4.00/3.00 9G/11G | 1200 | 25 | 9 |
| 50 | 4.00/3.00 9G/11G | 1800 | 25 | 9 |
| 50 | 4.00/3.00 9G/11G | 2400 | 25 | 9 |

Mesh

- ▶ Size: 50 x 50 mm (2" x 2")
- ▶ Other mesh sizes available to order



Notes



ArcelorMittal Sheffield

Vulcan Works

Birley Vale Close

Sheffield S12 2DB

T +44 (0)114 239 26 01

F +44 (0)114 264 25 14

fencingsales@arcelormittal.com

