

Distribution Solutions
WireSolutions



ArcelorMittal

Product catalogue

Fencing



Fencing catalogue

Contents

ARCELORMITTAL & WIRESOLUTIONS

03

2LIFE® AND 4LIFE® COATED WIRE

04

STOCK FENCING FEATURES

05

ESTATE 2LIFE®

06

LIGHT STOCK FENCING	06
MEDIUM STOCK FENCING	08
HEAVY STOCK FENCING	10
HIGH TENSILE STOCK FENCING	12
ESTATE MILD STEEL BARBED WIRE	14
ESTATE HIGH TENSILE BARBED WIRE	15
SCORPIO HEAVY DUTY HIGH TENSILE BARBED WIRE	16
COILED WIRE	17

ESTATE 4LIFE®

18

4LIFE® FENCING PRODUCTS	18
STAPLES	20

GRIPPLE®

21

ESTATE CHAINLINK FENCING

22

HEAVILY GALVANISED WIRE	22
PVC COATING WITH GALVANISED WIRE CORE	23
PVC COATING WITH HEAVILY GALVANISED WIRE CORE	24



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®

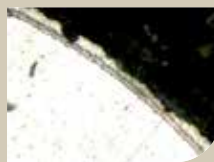
Guaranteed **2 times** longer lifespan compared to heavily galvanised wire BS EN 10244-2 Class A.

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.



Heavily galvanised after 20 years under external conditions



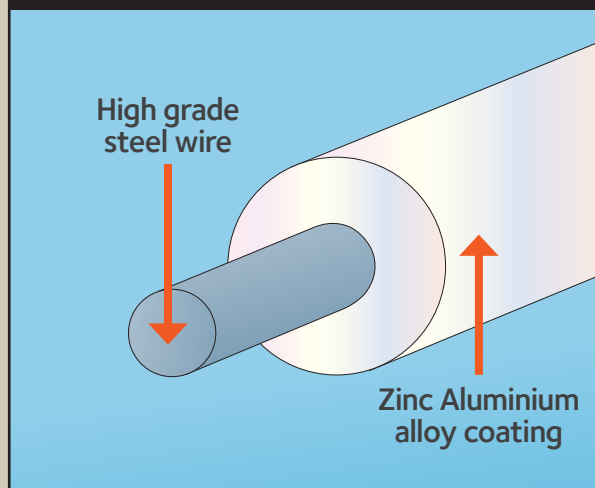
4Life® after 20 years under the same conditions



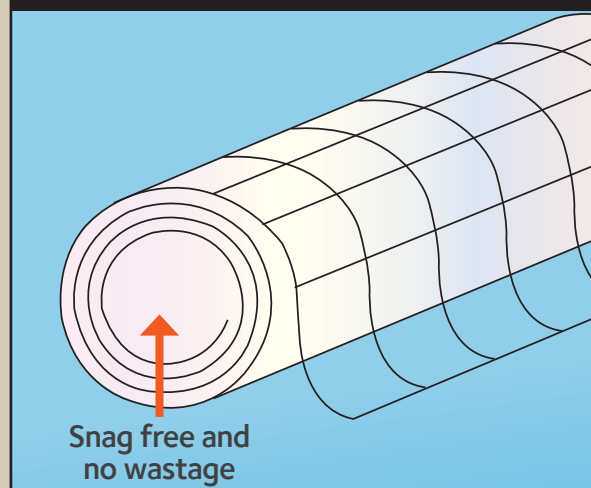
FM 509098

Stock fencing features

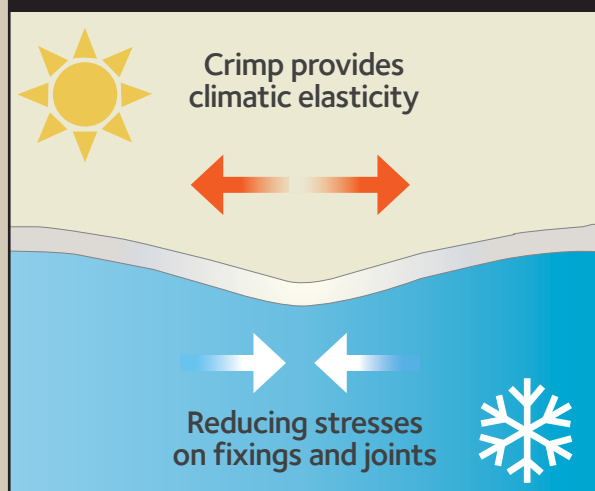
Double protection



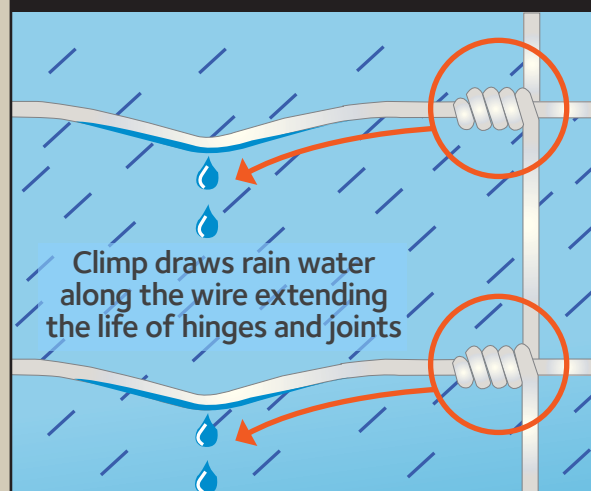
Centreless roll



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 (mm)	Vertical spacing (mm)	Length (m)	Nominal weight (kg)	Number of rolls per pallet
L5 60 15	600	150	50	14	25
L6 50 15	510	150	50	15	25
L7 65 15	650	150	50	18	25
L8 80 15	800	150	50/100	20/40	25/12
L10 12 15	1180	150	50	27	25

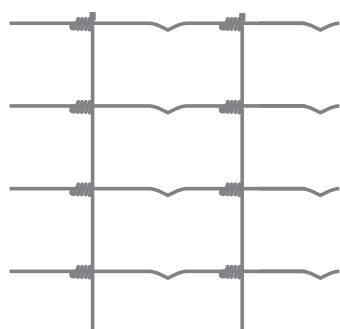
Mesh

- 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 350 N/mm²

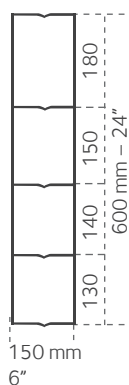


Dimensions

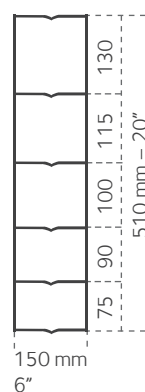
Light stock fencing



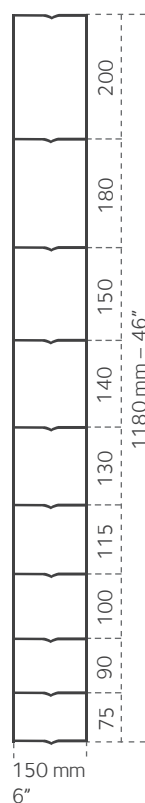
L5 60 15



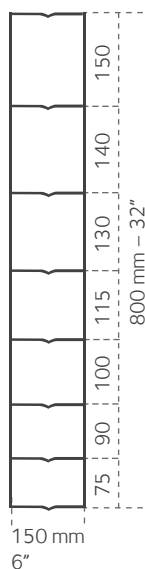
L6 50 15



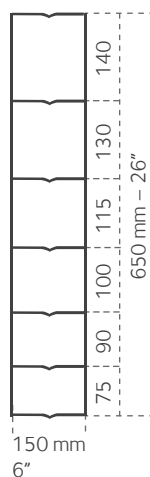
L10 12 15



L8 80 15



L7 65 15



Estate 2Life®

Medium 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.
- Different widths to suit your fencing needs: 150 mm – 6" gap for strength and rigidity; 300 mm – 12" gap to prevent damage and injury to livestock; 220 mm – 9" for lamb safe fencing.
- 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.

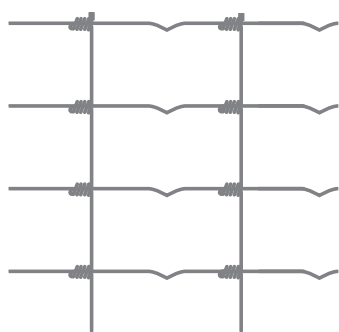
Designation	Height (mm)	Vertical spacing (mm)	Length (m)	Nominal weight (kg)	Number of rolls per pallet
C8 80 15	800	150	50/100/250	32/64/160	20/12/4
C8 80 22	800	225	50	29	20
C8 80 30	800	300	50	25	20
C6 90 30	900	300	50	21	20
C7 10 15	1030	150	50	33	20
C8 11 30	1145	300	50	27	20

Mesh

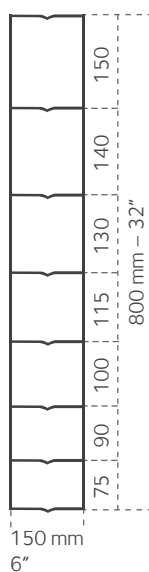
- Top & bottom wires Ø 3.00 mm Min 600 N/mm²
- Horizontal wires Ø 2.50 mm Min 600 N/mm²
- Vertical wires Ø 2.50 mm Min 350 N/mm²

Dimensions

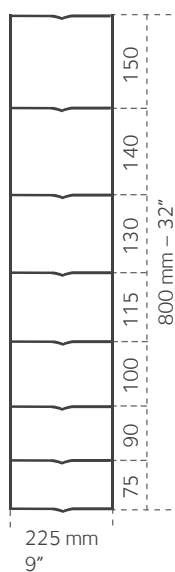
Medium stock fencing



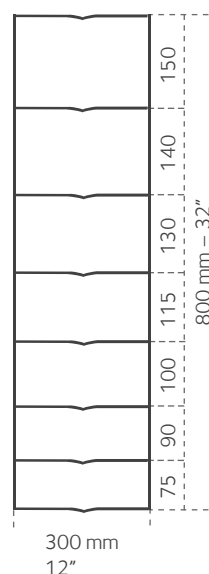
C8 80 15



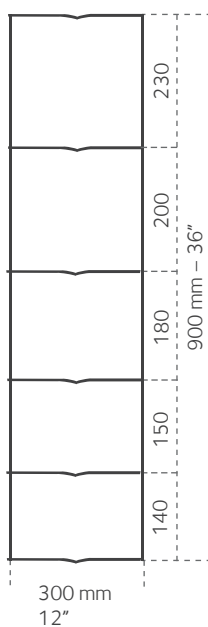
C8 80 22



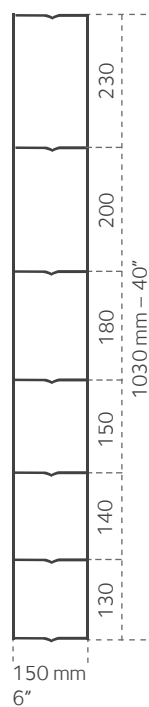
C8 80 30



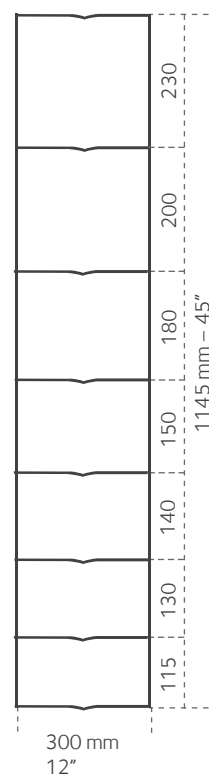
C6 90 30



C7 10 15



C8 11 30



Estate 2Life®

Heavy stock fencing

Product description

Hinge joint field fence manufactured with 2Life® wire which is guaranteed to last two times longer than heavily galvanised wire.

- A heavy duty conventional field fence manufactured to BS EN 10223-5. Designed for ease of pull-up when erecting. Suitable for the permanent fencing of larger livestock, highways and railways.
- 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; 300 mm – 12" gap to prevent damage and injury to livestock.
- 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 (mm)	Vertical spacing (mm)	Length (m)	Nominal weight (kg)	Number of rolls per pallet
B6 90 30	900	300	50	34	16
B8 80 15	800	150	50	49	12
B8 80 30	800	300	50	38	16

Mesh

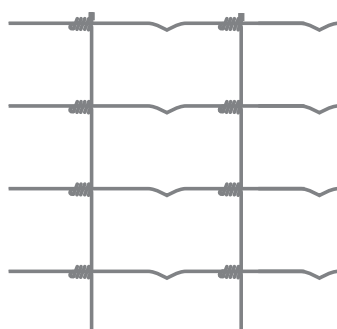
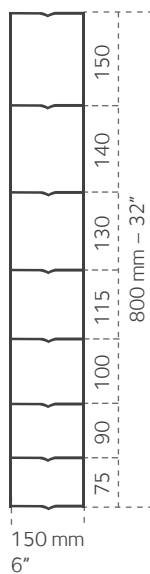
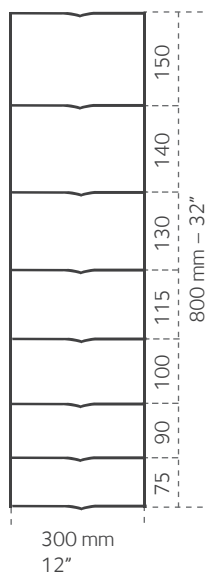
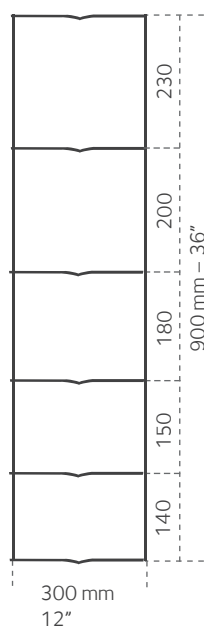
- Top & bottom wires Ø 4.00 mm
Min 600 N/mm²
- Horizontal wires Ø 3.00 mm
Min 600 N/mm²
- Vertical wires Ø 3.00 mm
Min 350 N/mm²



ArcelorMittal

Dimensions

Heavy stock fencing

**B8 80 15****B8 80 30****B6 90 30**

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 (mm)	Vertical spacing (mm)	Length (m)	Nominal weight (kg)	Number of rolls per pallet
GHT5 53 15	535	150	100	40	12
GHT5 53 30	535	300	100	30	16
GHT6 80 22	800	225	100	44	16
GHT6 80 30	800	300	100	37	16
GHT8 80 15	800	150	100/200/300	60/120/180	12/6/4
GHT8 80 22	800	225	100	51	16
GHT8 80 30	800	300	100	46	16
GHT11 14 15	1410	150	50	46	20

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

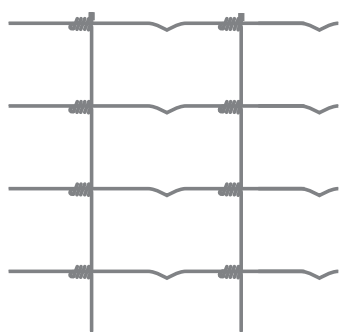
- Top & bottom wires Ø 2.50 mm Min 1050 N/mm²
- Horizontal wires Ø 2.50 mm Min 1050 N/mm²
- Vertical wires Ø 2.50 mm Min 600 N/mm²



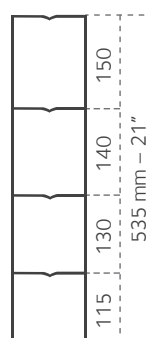
ArcelorMittal

Dimensions

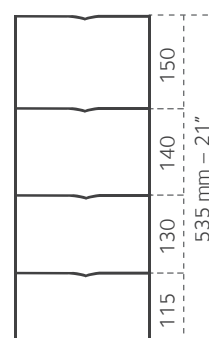
High tensile stock fencing



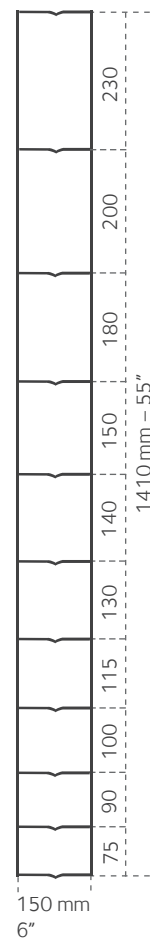
GHT5 53 15



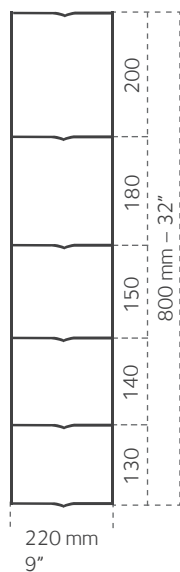
GHT5 53 30



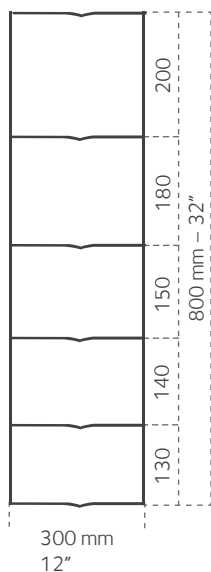
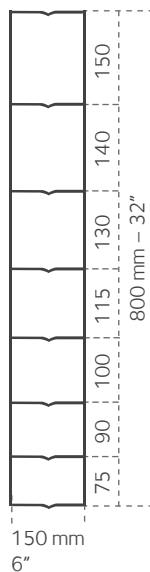
GHT11 14 15



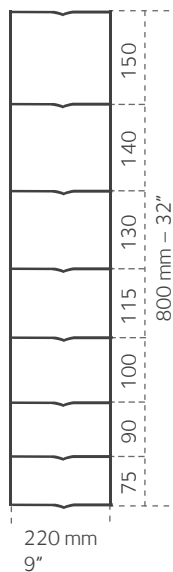
GHT6 80 22



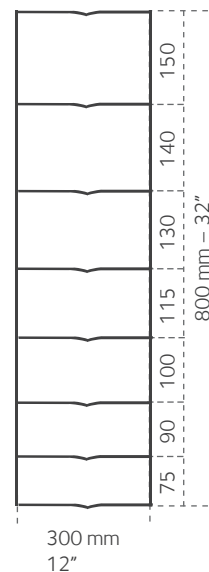
GHT6 80 30

HT8 80 15
GHT8 80 15

GHT8 80 22



GHT8 80 30





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

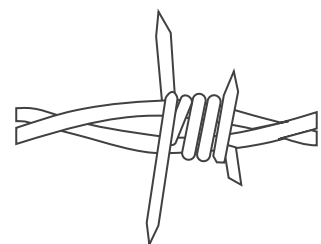


Characteristics

- Other patterns, sizes 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 (mm)	Nominal weight (kg)	Number of rolls per pallet
2.5	200	4	Min 400	100	22.5	48

Barb





ArcelorMittal

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

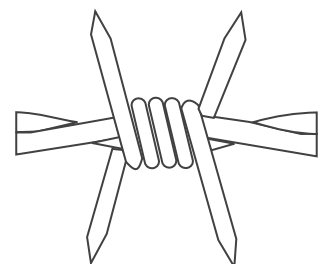


Characteristics

- 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 (mm)	Nominal weight (kg)	Number of rolls per pallet
1.6	200	4	Min 1100	100	10	60

Barb





ArcelorMittal

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

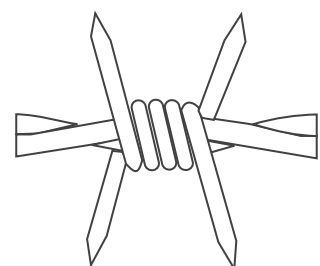


Characteristics

- 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 (mm)	Nominal weight (kg)	Number of rolls per pallet
2.0	200	4	Min 1000	100	16	48

Barb





ArcelorMittal

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 patterns, 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 650	4.00	25	250
Mild steel	Min 650	3.15	25	410
Mild steel	Min 750	2.50	25	650
Mild steel	Min 750	2.00	25	1020
High tensile	Min 1100	3.15	25	410
High tensile	Min 1100	2.50	25	650
High tensile	Min 1000	2.00	25	1020

Estate 4Life®

4Life® Fencing products

Product description

Hinge joint stock fencing and mild steel barbed wire manufactured with 4Life® wire which is guaranteed to last four times longer than heavily galvanised wire

- Conventional hinge joint fencing manufactured to BS EN 10233 – 5 but made from wire guaranteed for even longer life
- Designed for the permanent fencing of livestock in hostile and high wear environments such as exposed hill tops and coastal areas.
- The barbed wire is made to 10233-1 and compliments the fence to give longer life, lower cost fencing
- Fencing is available in both medium and high tensile wire to best suit the application.



Fencing characteristics

Designation	Height (mm)	Vertical spacing (mm)	Length (m)	Nominal weight (kg)	Number of rolls per pallet
C8 80 15	800	150	50	32	20
HT8 80 15	800	150	100	60	12

Barbed wire characteristics

Wire diameter (mm)	Length (m)	Number of barbs	Tensile strength of line wire (N/mm²)	Space between barbs (mm)	Nominal weight (kg)	Number of rolls per pallet
2.5	200	4	Min 400	75	22.5	48

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

Mild steel 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

High tensile mesh

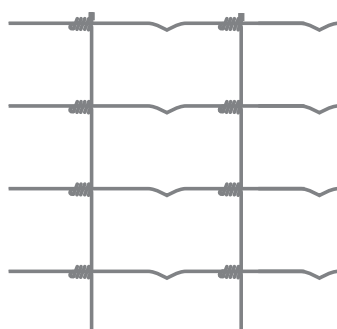
- Top & bottom wires Ø 2.50 mm
Min 1050 N/mm²
- Horizontal wires Ø 2.50 mm
Min 1050 N/mm²
- Vertical wires Ø 2.50 mm
Min 600 N/mm²



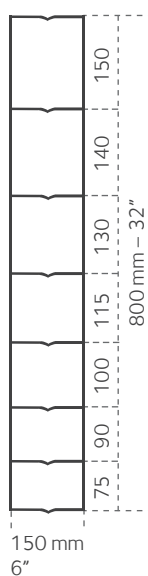
ArcelorMittal

Dimensions

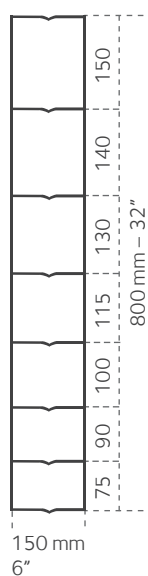
4Life® Fencing products



**4Life®
C8 80 15**



**4Life®
HT8 80 15**





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



ArcelorMittal

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		Approx length (m)
		(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.

- Supplied with separate line wires.
- 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.



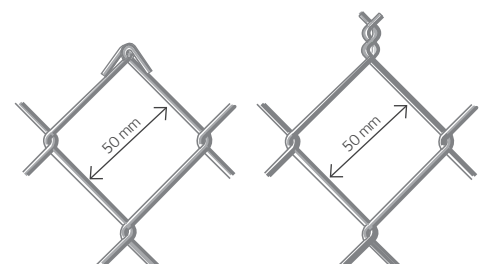
Characteristics

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

Mesh size (mm)	Wire diameter (mm)	Height (cm)	Length (m)	Weight (kg)	Number of rolls per pallet
50	2.5	900	25/12.5	40/20	12
50	2.5	1200	25/12.5	52/26	12
50	2.5	1800	25/12.5	74/37	12
50	2.5	2400	25/12.5	98/49	12
50	3.0	900	25/12.5	56/28	9
50	3.0	1200	25/12.5	74/37	9
50	3.0	1800	25/12.5	108/54	9
50	3.0	2400	12.5	71	9
50	3.55	900	25/12.5	76/38	9
50	3.55	1200	25/12.5	102/51	9
50	3.55	1800	12.5	74	9
50	3.55	2400	12.5	100	9

Mesh

- Size: 50 x 50 mm
- 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.
- Supplied with separate line wires.
- 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.



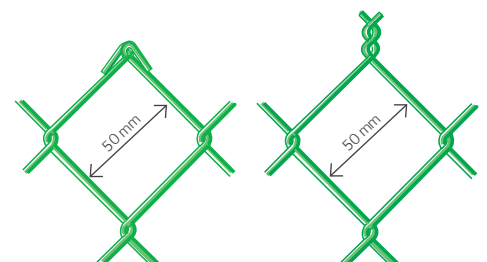
Characteristics

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

Mesh size (mm)	Wire diameter (mm)	Height (cm)	Length (m)	Weight (kg)	Number of rolls per pallet
50	2.50/170	900	25/12.5	22/11	12
50	2.50/170	1200	25/12.5	30/15	12
50	2.50/170	1800	25/12.5	42/21	12
50	2.50/170	2400	25/12.5	60/30	12
50	2.50/170	900	25/12.5	38/19	9
50	3.15/2.24	1200	25/12.5	50/25	9
50	3.15/2.24	1800	25/12.5	74/37	9
50	3.15/2.24	2400	12.5	98/49	9
50	3.15/2.24	900	12.5	48	9
50	3.55/2.50	1200	12.5	63	9
50	3.55/2.50	1800	12.5	92	9
50	3.55/2.50	2400	12.5	122	9

Mesh

- Size: 50 x 50 mm
- Other mesh sizes available to order





ArcelorMittal

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.
- Supplied with separate line wires.
- 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

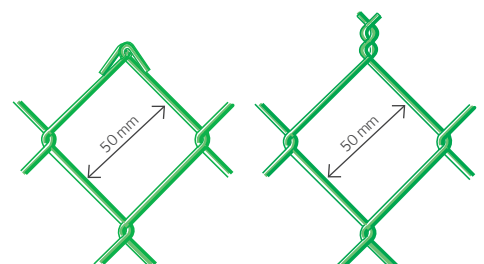
Characteristics

- Other gauges and heights available to order.

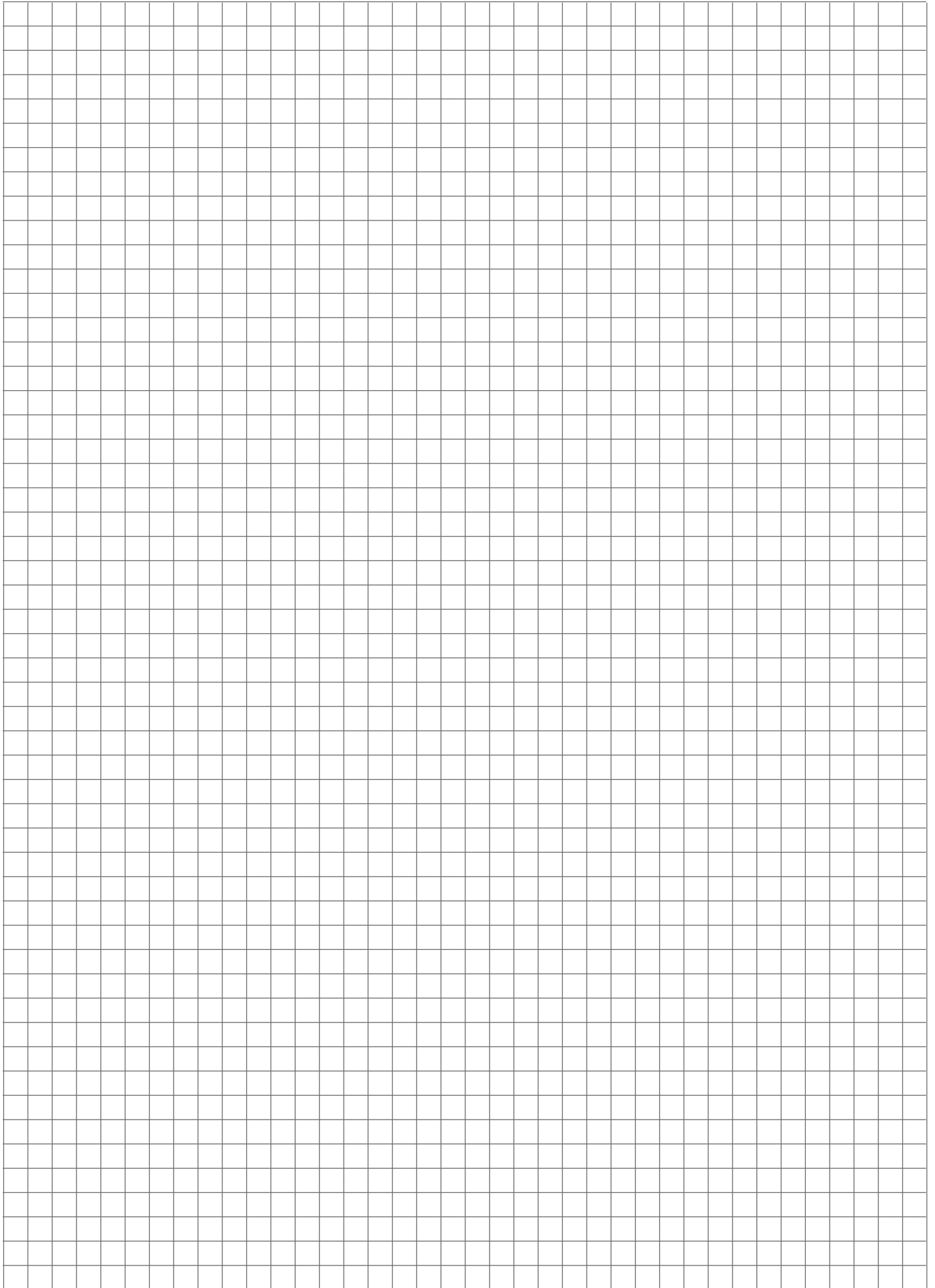
Mesh size (mm)	Wire diameter (mm)	Height (cm)	Length (m)	Weight (kg)	Number of rolls per pallet
50	3.15/2.24	900	25/12.5	38/19	9
50	3.15/2.24	1200	25/12.5	52/26	9
50	3.15/2.24	1800	25/12.5	72/86	9
50	3.15/2.24	2400	25/12.5	98/49	9
50	3.55/2.50	900	25	48	9
50	3.55/2.50	1200	25	65	9
50	3.55/2.50	1800	25	91	9
50	3.55/2.50	2400	25	122	9
50	4.00/3.00	900	25	66	9
50	4.00/3.00	1200	25	90	9
50	4.00/3.00	1800	25	128	9
50	4.00/3.00	2400	25	170	9

Mesh

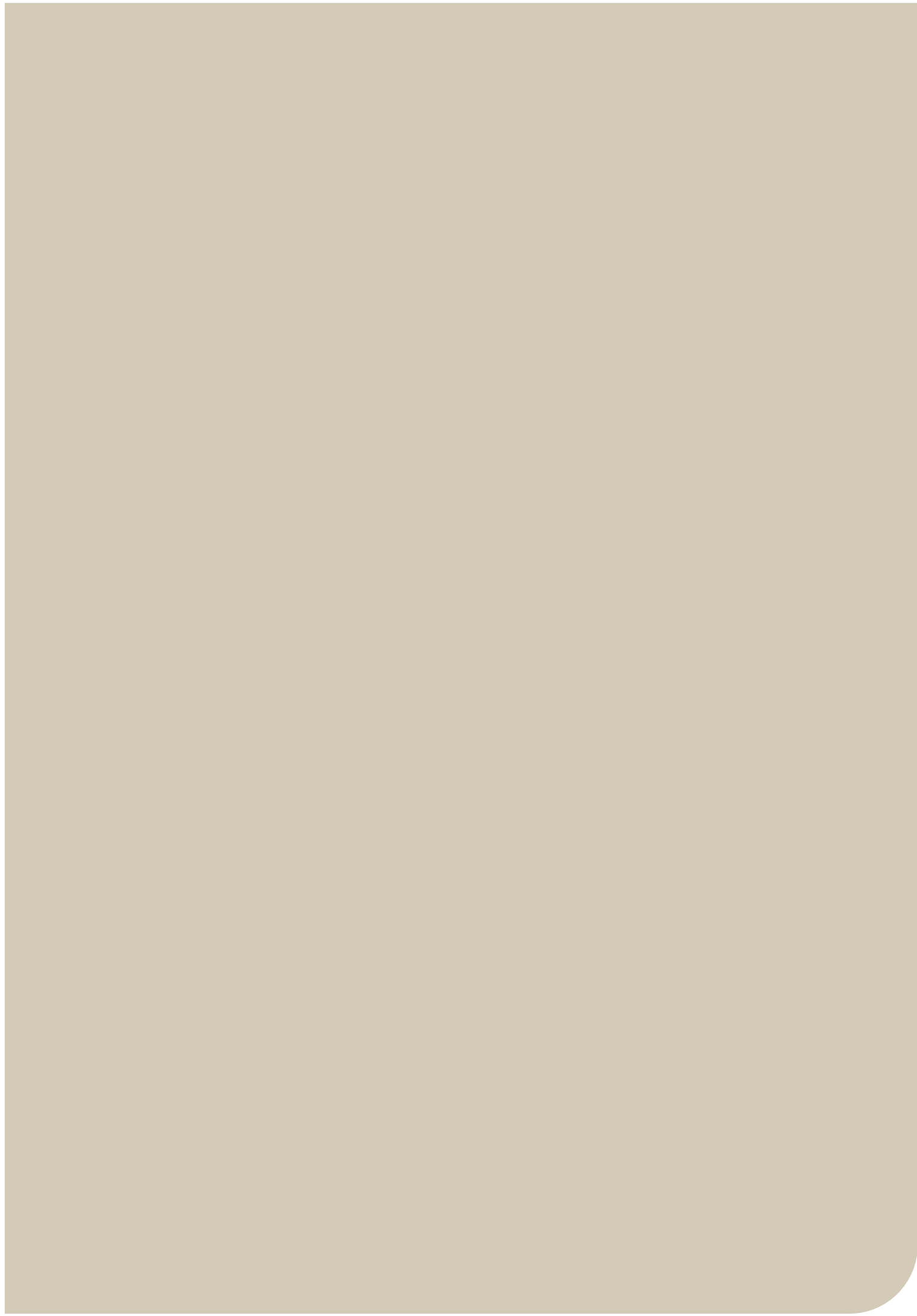
- Size: 50 x 50 mm
- Other mesh sizes available to order



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

