ArcelorMittal

Product catalogue
Fencing

Contents

WireSolutions

50 years experience in the manufacturing of fences

Subsidiary of ArcelorMittal, the world's leading steel and mining company, WireSolutions offers a diversified portfolio of low and high carbon wires, ropes and strands, steel fibres for concrete reinforcement, fences, nails and corrosion resistant solutions.

For more than 50 years, WireSolutions has been a European leading supplier of fences in many applications such as agriculture, residential, industry, sport, motorway and railway. Our fences are manufactured in our plants in Luxembourg, Poland and United Kingdom.

WireSolutions gives priority to quality and sustainability. Our fences benefit from the most advanced technologies regarding corrosion protection (Crapal® coating) and environment (Nature coating). WireSolutions relies on experienced women and men who are committed to offer excellence to their customers. This is validated by 3 standards:

- ▶ ISO 9001, Quality Management System

- ▶ ISO 14001, Environmental Management System

- ▶ OHSAS 18001, Health & Safety Management System

Because every need is different, our technical and sales teams advise you to make the best choice.

What are the advantages of being a subsidiary of ArcelorMittal?

- ▶ Sustainable access to high quality raw materials

- ▶ Quality controls through the entire supply chain, from iron ore to finished products

- ▶ Development of advanced technologies with the support of ArcelorMittal R&D Centres

- ▶ Guarantee of a sustainable partner

Our fences benefit from the most advanced technologies regarding corrosion and environmental protection.

Crapal®

The best protection

Life span

The wire lifespan is determined by the lifetime of the coating layer that protects the wire.

Corrosion

The coating is subject to damages depending on the corrosive potential of the air and on the aggressiveness of the chemicals used for treatments.

Pioneer in the manufacturing of the **heavily galvanised wire Crapo®** and the **zinc/aluminium wire Crapal®** which is today recognised worldwide, WireSolutions has never stopped working on the improvement of corrosion protection by developping the **zinc/aluminium/magnesium wire Crapal®Optimum**.

The Crapal® coating

Zinc gives an active and sacrificial protection while aluminium provides passive protection in covering zinc and significantly slowing down its sacrificial reaction.

Addition of magnesium stabilises the whole molecular structure and gives the coating an even efficient resistance against corrosion. **Crapal®Optimum** ensures an optimal protection in the most agressive environments even in cut ends and welding points.

Properties

Increased lifespan
▶ Economy over time

Durable smooth surface
▶ Does not retain corrosive components

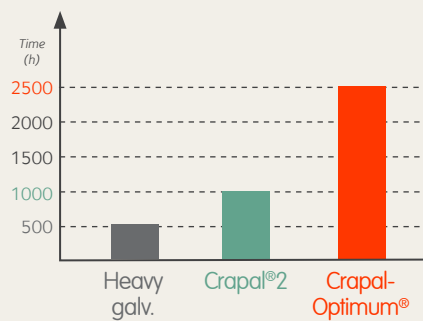**Excellent adhesion**
▶ No peeling, no flaking when the wire is folded

Constant protective layer all around the wire
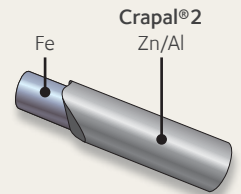▶ Only guarantee of an effective protection

Corrosion protection efficiency with the environment in mind
▶ 100% recyclable

Salt spray test resistance

Time (h)

2500		
2000		
1500		
1000		
500		
Heavy galv.	Crapal®2	Crapal-Optimum®

CRAPAL®

Crapal®2

Life span **2x longer** than EN 10244-2 heavily galvanised

2X

Fe   Crapal®2 Zn/Al

Crapal®4

Life span **4x longer** than EN 10244-2 heavily galvanised

4X

Fe   Crapal®4 Zn/Al

Crapal®Optimum

Life span **5x longer** than EN 10244-2 heavily galvanised

5X

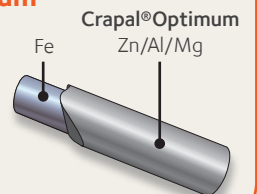Fe   Crapal®Optimum Zn/Al/Mg
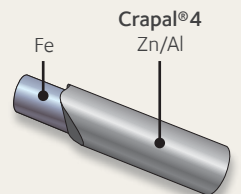
WireSolutions continuously works on the improvement of corrosion protection

Nature

The new alternative to PVC coating

Advantages

In a world of ever-increasing environmental awareness, **Nature** coating offers so much more than standard paint and PVC finishes:

▶ Long term corrosion protection to metal items
▶ No cracking, peeling or chipping
▶ Superior resistance to salt, sea, sand and sun
▶ Good grip and warm feel
▶ Very low smoke on burning
▶ No VOCs[1], plasticizers, TGIC[2] or halogens
▶ Nature will withstand flexing caused by wind and temperature changes down to -20°C
▶ No heavy metals

Nature is already used for:

▶ Street furniture and lamp posts
▶ Offshore, sub-sea and marine
▶ Pipes, tanks and fittings
▶ Construction

0%PVC

In harmony with the environment, Nature coating provides long lasting protection for all types of fencing in adverse conditions

Extreme environments	Nature	Polyester	PVC
Fences exposed to salt (coastal areas, marine environments worldwide)	**	*	**
Fences exposed to sand abrasion (desert and beach environments worldwide)	**	*	**
Fences exposed to extreme cold (coating flexibility at temperatures lower than -20°C)	**	*	*
Fences exposed to chemicals (close to chemical plants, fuel stations or airports)	**	*	**
Fences exposed to intense sunlight (UV resistance)	***	**	*
Ability to resist lichen, mould, moss and algae	***	*	**
Low toxicity on burning	***	*	*
No leaching or emission of VOCs, plasticizers or metals into the local environment	***	*	*

Protection level: *** High ** Medium * Poor
1 Volatile Organic Compounds; 2 Triglycidyl Isocyanurate

ArcelorMittal

Forte® Nature

High security welded fence

Product description

Especially developed to provide effective protection
Demanding professional and residential applications

▶ Our manufacturing process (galvanisation + **Nature** coating) ensures a unique corrosion protection, a perfect adhesion of the coating and a durable smooth surface
▶ Very robust mesh
▶ Impact resistant – its reduced mesh size prevents climbing
▶ Good colour stability
▶ Complies with EN 10223-4 standard

Applications

▶ Residential
▶ Industry
▶ Sport

Coating

▶ **Nature** with galvanised wire core
▶ **15 years guarantee**

Standard colour

▶ Green RAL 6005

0% PVC

Characteristics

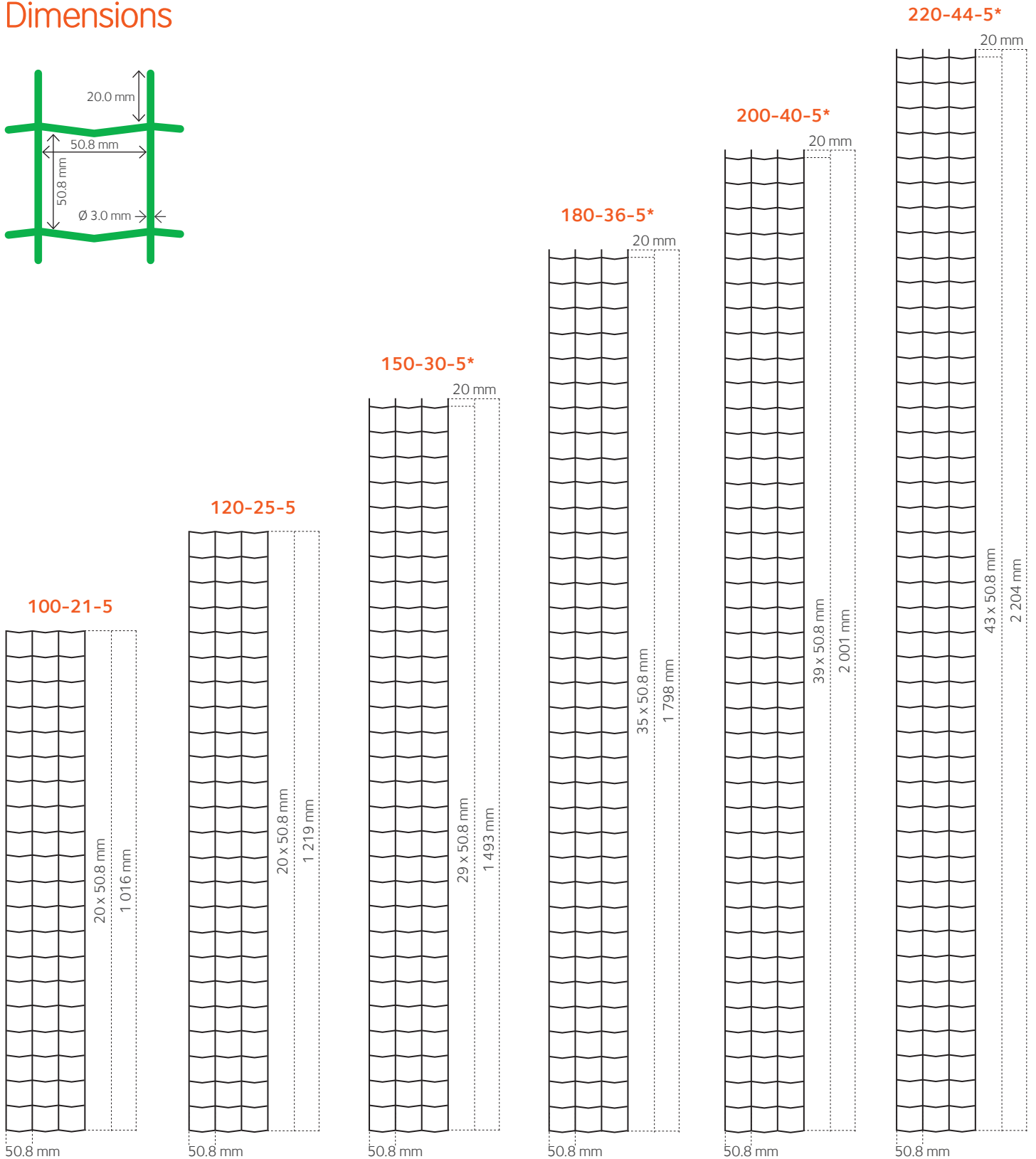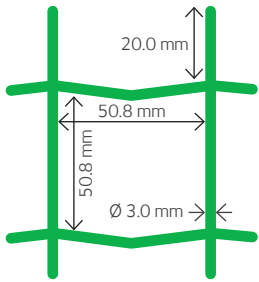| Nomination	Height (cm)	Length (m)	Rolls/pallet
100-21-5	101.6	25	8
120-25-5	121.9	25	8
150-30-5*	149.3	25	8
180-36-5*	179.8	25	8
200-40-5*	200.1	25	8
220-44-5*	220.4	25	8

*with defensive barbs of 20.0 mm

Mesh

▶ 50.8 x 50.8 mm
▶ Horizontal and vertical wires Ø: 2.50/3.00 mm (coating)

Forte® Nature

Dimensions

20.0 mm

50.8 mm

50.8 mm

Ø 3.0 mm

100-21-5

20 x 50.8 mm
1 016 mm

50.8 mm

120-25-5

20 x 50.8 mm
1 219 mm

50.8 mm

150-30-5*

20 mm

29 x 50.8 mm
1 493 mm

50.8 mm

180-36-5*

20 mm

35 x 50.8 mm
1 798 mm

50.8 mm

200-40-5*

20 mm

39 x 50.8 mm
2 001 mm

50.8 mm

220-44-5*

20 mm

43 x 50.8 mm
2 204 mm

50.8 mm

ArcelorMittal

Forte®Medium Nature

High security welded fence

Product description

**Especially developed to provide effective and economic protection
Demanding professional and residential applications**

▶ Our manufacturing process (galvanisation + **Nature** coating) ensures a unique corrosion protection, a perfect adhesion of the coating and a durable smooth surface
▶ Very robust mesh
▶ Impact resistant – its mesh size prevents climbing
▶ Good colour stability
▶ Complies with EN 10223-4 standard

Applications

▶ Residential
▶ Industry
▶ Sport

Coating

▶ **Nature** with galvanised wire core
▶ **15 years guarantee**

Standard colour

▶ Green RAL 6005

0% PVC

Characteristics

Nomination	Height (cm)	Length (m)	Rolls/pallet
100-21-5	101.6	25	12
120-25-5	121.9	25	12
150-30-5*	149.3	25	12
180-36-5*	179.8	25	12
200-40-5*	200.1	25	12

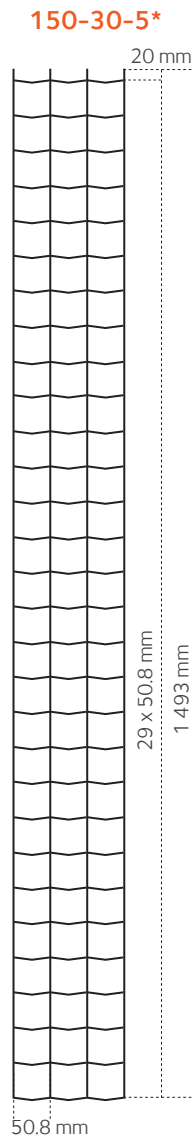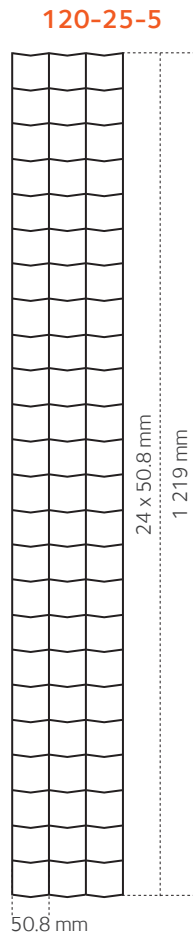*with defensive barbs of 20.0 mm

Mesh

▶ 50.8 x 50.8 mm
▶ Horizontal and vertical wires Ø: 2.00/2.50 mm (coating)

ArcelorMittal

Forte®Medium Nature

Dimensions

20.0 mm

50.8 mm

50.8 mm

Ø 2.5 mm

100-21-5

20 x 50.8 mm
1 016 mm

50.8 mm

120-25-5

24 x 50.8 mm
1 219 mm

50.8 mm

150-30-5*

20 mm

29 x 50.8 mm
1 493 mm

50.8 mm

180-36-5*

20 mm

35 x 50.8 mm
1 798 mm

50.8 mm

200-40-5*

20 mm

39 x 50.8 mm
2 001 mm

50.8 mm

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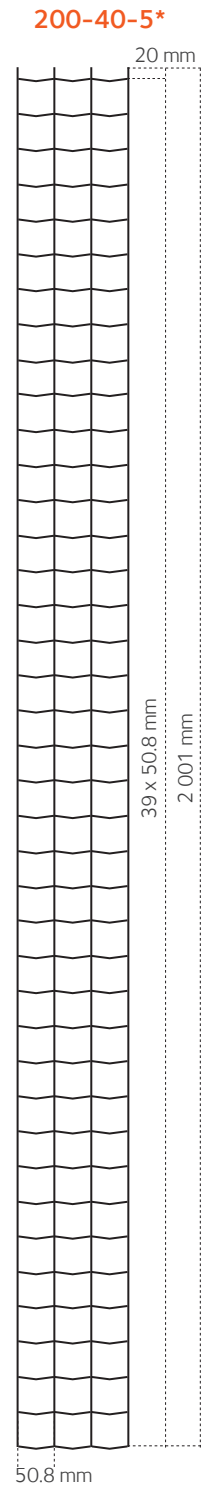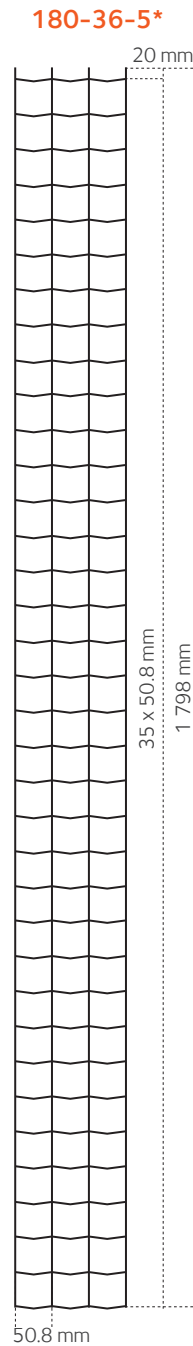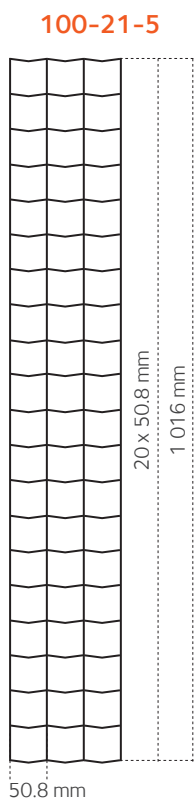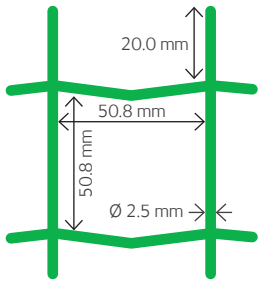
Parco® Nature

High protection welded fence

Product description

Fence that combines good protection and aestheticism

▶ Our manufacturing process (galvanisation + **Nature** coating) ensures a unique corrosion protection, a perfect adhesion of the coating and a durable smooth surface
▶ Very robust mesh
▶ Good colour stability
▶ Complies with EN 10223-4 standard

Applications

▶ Residential
▶ Industry
▶ Sport

Coating

▶ **Nature** with galvanised wire core
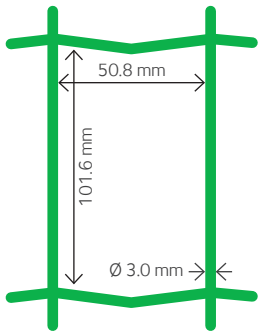▶ **15 years guarantee**

Standard colour

▶ Green RAL 6005

0% PVC

Characteristics

Nomination	Height (cm)	Length (m)	Rolls/pallet
150-16-5	152.4	25	8
180-19-5	182.9	25	8
200-21-5	203.2	25	8

Mesh

▶ 101.6 x 50.8 mm
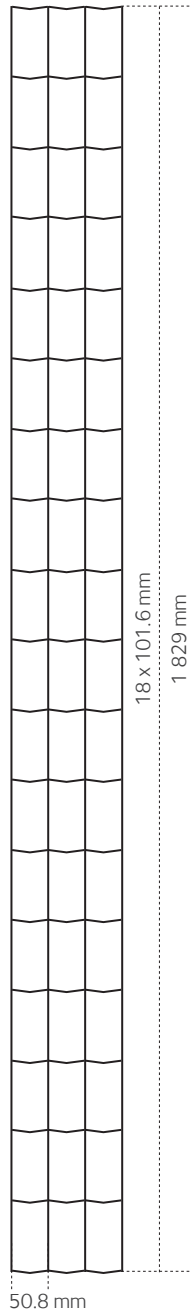▶ Horizontal and vertical wires Ø: 2.50/3.00 mm (coating)

ArcelorMittal

Parco® Nature

Dimensions

50.8 mm

101.6 mm

Ø 3.0 mm

150-16-5

15 x 101.6 mm
1 524 mm

50.8 mm

180-19-5

18 x 101.6 mm
1 829 mm

50.8 mm

200-21-5

20 x 101.6 mm
2 032 mm

50.8 mm

ArcelorMittal
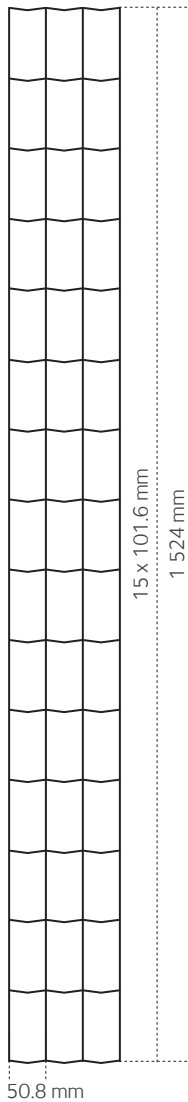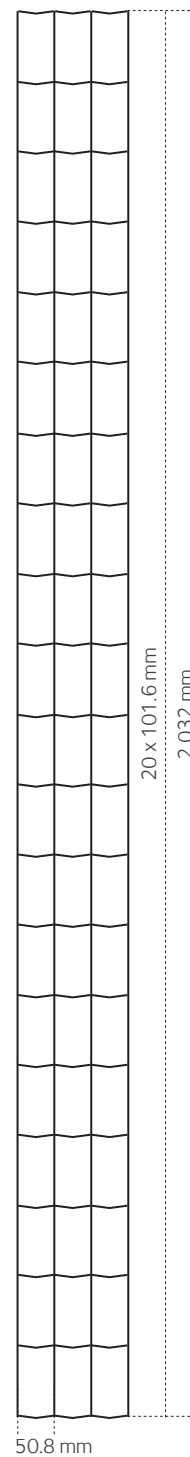
Luxor® Nature

Robust and elegant welded fence

Product description

The upper range of residential fencing

- ▶ Our manufacturing process (galvanisation + **Nature** coating) ensures a unique corrosion protection, a perfect adhesion of the coating and a durable smooth surface
- ▶ Luxor™ is best suited for residential areas – reinforced edges with two small meshes
- ▶ Good colour stability
- ▶ Complies with EN 10223-4 standard

Application

- ▶ Residential

Coating

- ▶ **Nature** with galvanised wire core
- ▶ **15 years guarantee**

Standard colours

- ▶ Green RAL 6005
- ▶ Anthracite RAL 7016*

0% PVC

Characteristics

Nomination	Height (cm)	Length (m)	Rolls/pallet
60-10-5	60.9	25	12
80-12-5	81.3	25	12
100-14-5	101.6	25	12
120-16-5	121.9	25	12
150-19-5	152.4	25	12
180-22-5	182.9	25	12
200-24-5	203.2	25	12

Mesh

- ▶ 101.6 x 50.8 mm
- ▶ Horizontal and vertical wires Ø: 2.00/2.50 mm (coating)

*Luxor™ Anthracite available in 1.00 m, 1.20 m, 1.50 m and 1.80 m

ArcelorMittal

Luxor® Nature

Dimensions

50.8 mm

101.6 mm

Ø 2.5 mm

50.8 mm

101.6 mm

Ø 2.5 mm

60-10-5

5 x 101.6 mm
609 mm

25.4
25.4

25.4
25.4

50.8 mm

80-12-5

7 x 101.6 mm
813 mm

25.4
25.4

25.4
25.4

50.8 mm

100-14-5

9 x 101.6 mm
1 016 mm

25.4
25.4

25.4
25.4

50.8 mm

120-16-5

11 x 101.6 mm
1 219 mm

25.4
25.4

25.4
25.4

50.8 mm

150-19-5

14 x 101.6 mm
1 524 mm

25.4
25.4

25.4
25.4

50.8 mm

180-22-5

17 x 101.6 mm
1 829 mm

25.4
25.4

25.4
25.4

50.8 mm

200-24-5

19 x 101.6 mm
2 032 mm

25.4
25.4

25.4
25.4

50.8 mm

ArcelorMittal

Plastirol® Nature

High visibility welded fence

Product description

Elegant fence for parks and gardens

▶ Our manufacturing process (galvanisation + **Nature** coating) ensures a unique corrosion protection, a perfect adhesion of the coating and a durable smooth surface
▶ Multipurpose residential fence
▶ Good colour stability
▶ Complies with EN 10223-4 standard

Application

▶ Residential

Coating

▶ **Nature** with galvanised wire core
▶ **15 years guarantee**

Standard colour

▶ Green RAL 6005

0% PVC

Characteristics

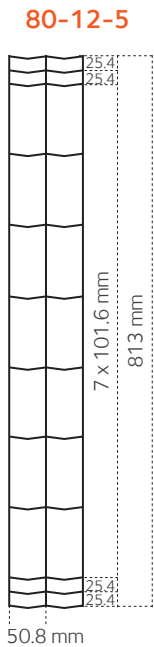| Nomination	Height (cm)	Length (m)	Rolls/pallet
60-7-5	61.0	25	16
80-9-5	81.3	25	16
100-11-5	101.6	25	16
120-13-5	121.9	25	16
150-16-5	152.4	25	14
180-19-5	182.9	25	14
200-21-5	203.2	25	14

Mesh

▶ 101.6 x 50.8 mm
▶ Horizontal and vertical wires Ø: 1.60/2.10 mm (coating)

ArcelorMittal

Plastirol® Nature

Dimensions

50.8 mm

101.6 mm

Ø 2.1 mm

60-7-5

6 x 101.6 mm
610 mm

50.8 mm

80-9-5

8 x 101.6 mm
813 mm

50.8 mm

100-11-5

10 x 101.6 mm
1 016 mm

50.8 mm

120-13-5

12 x 101.6 mm
1 219 mm

50.8 mm

150-16-5

15 x 101.6 mm
1 524 mm

50.8 mm

180-19-5

18 x 101.6 mm
1 829 mm

50.8 mm

200-21-5

20 x 101.6 mm
2 032 mm

50.8 mm

ArcelorMittal
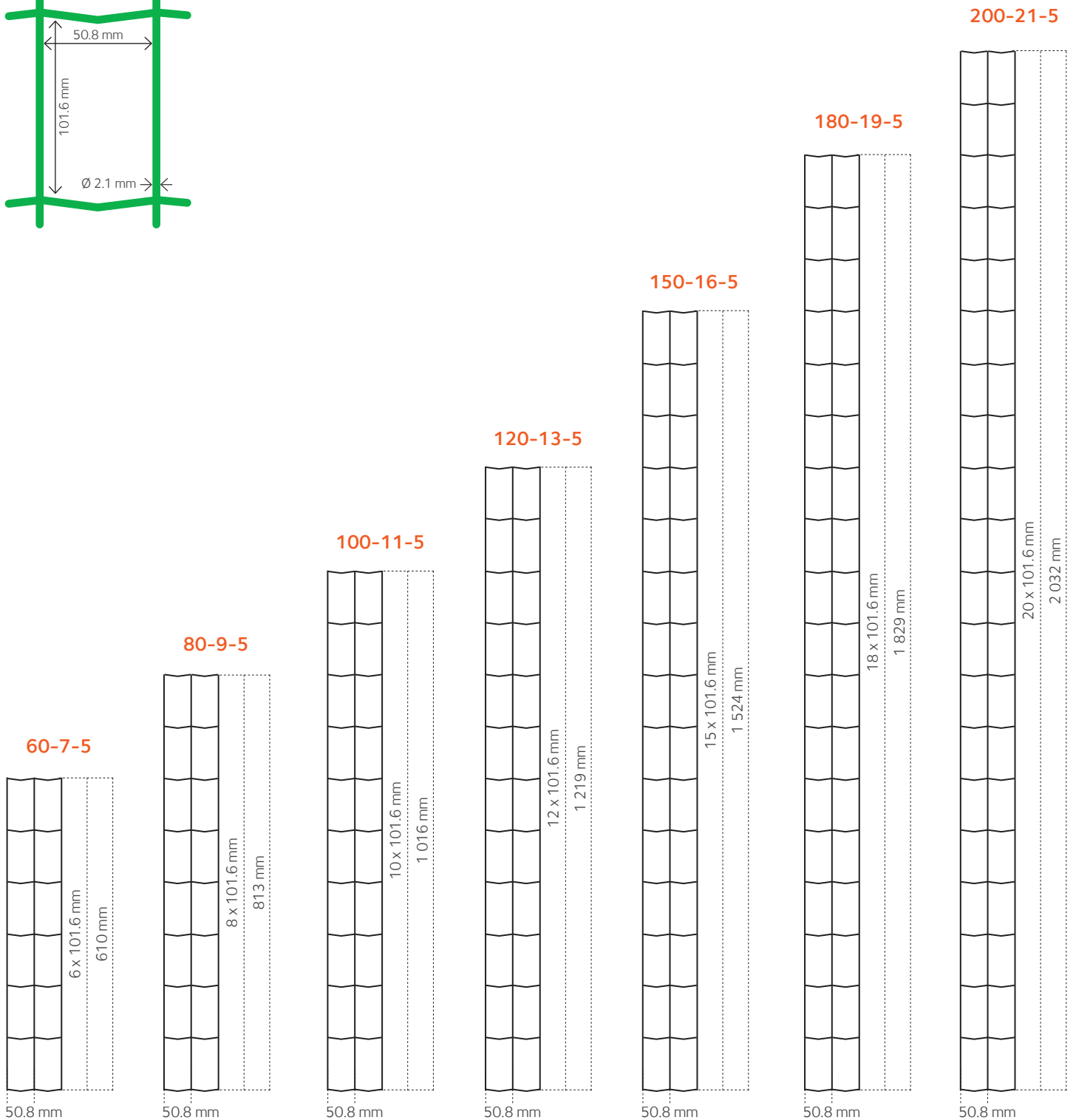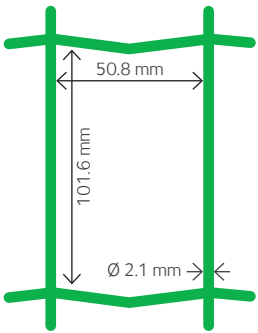
Palma® Nature

Welded fence

Product description

Aesthetic and economic welded fence for parks and gardens

▶ Our manufacturing process (galvanisation + **Nature** coating) ensures a unique corrosion protection, a perfect adhesion of the coating and a durable smooth surface
▶ Good visibility
▶ Good colour stability
▶ Complies with EN 10223-4 standard

Application

▶ Residential

Coating

▶ **Nature** with galvanised wire core
▶ **15 years guarantee**

Standard colours

▶ Green RAL 6005
▶ Anthracite RAL 7016 on demand

0% PVC

Characteristics

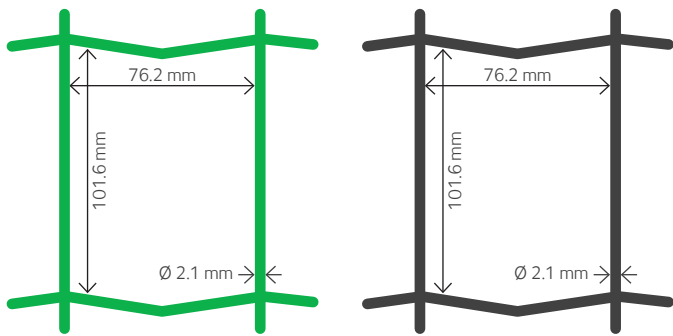| Nomination	Height (cm)	Length (m)	Rolls/pallet
100-11-7	101.6	25	20
120-13-7	121.9	25	20
150-16-7	152.4	25	20

Mesh

▶ 101.6 x 76.2 mm
▶ Horizontal and vertical wires Ø: 1.60/2.10 mm (coating)
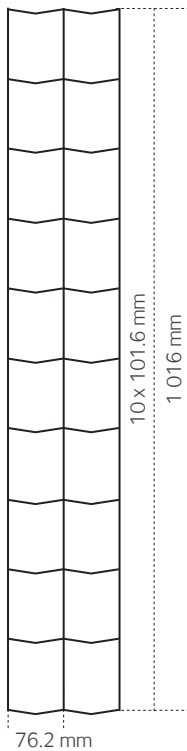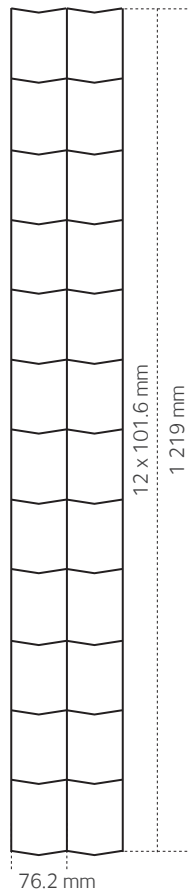
ArcelorMittal

Palma® Nature

Dimensions

76.2 mm

101.6 mm

Ø 2.1 mm

76.2 mm

101.6 mm

Ø 2.1 mm

150-16-7

15 x 101.6 mm
1 524 mm

120-13-7

12 x 101.6 mm
1 219 mm
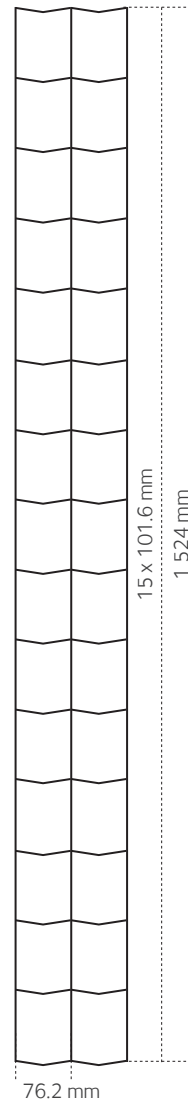
100-11-7

10 x 101.6 mm
1 016 mm

76.2 mm

76.2 mm

76.2 mm

ArcelorMittal

Sologne®4R*

Welded fence with Crapal®Optimum coating

Product description

Heavy welded fence specifically for large animals (breeding and hunting)

▶ 50 cm under ground to guarantee non crossing of burrowing animals
▶ Tightened meshes at the bottom of the fence preventing animals from forcing the fence by snouting
▶ Complies with EN 10223-4 standard

*4R means:

▶ **R**obustness – High strength wire (70 to 90 kg/mm²)
▶ **R**igidity – Wire of large diameter
▶ **R**esistance to corrosion
▶ **R**esistance to shocks and animal thrust

Applications

▶ Protection of farming, golf courses, etc.
▶ Wild boars parks, hunting areas

Life span **5x longer** than EN 10244-2 heavily galvanised
5X

CRAPAL OPTIMUM

Characteristics

▶ Other dimensions and meshes are available upon request

Fence with buried part for boars

Nomination	Height (cm)	Length (m)	Rolls/pallet
180-26-15	183	50	6

Fence with buried part for boars and deers

Nomination	Height (cm)	Length (m)	Rolls/pallet
230-28-15	229	50	6
260-30-15	261	50	6

Mesh

▶ Top and bottom wires Ø 3.40 mm R 70 to 90 kg/mm²
▶ Horizontal wires Ø 3.00 mm R 70 to 90 kg/mm²
▶ Vertical wires Ø 3.00 mm R 40 to 55 kg/mm²

Sologne®4R*

Dimensions

180-26-15

230-28-15

260-30-15

Ø 3.4 mm

152.4 mm

Ø 3.0 mm

burried part

152.4 mm

ArcelorMittal
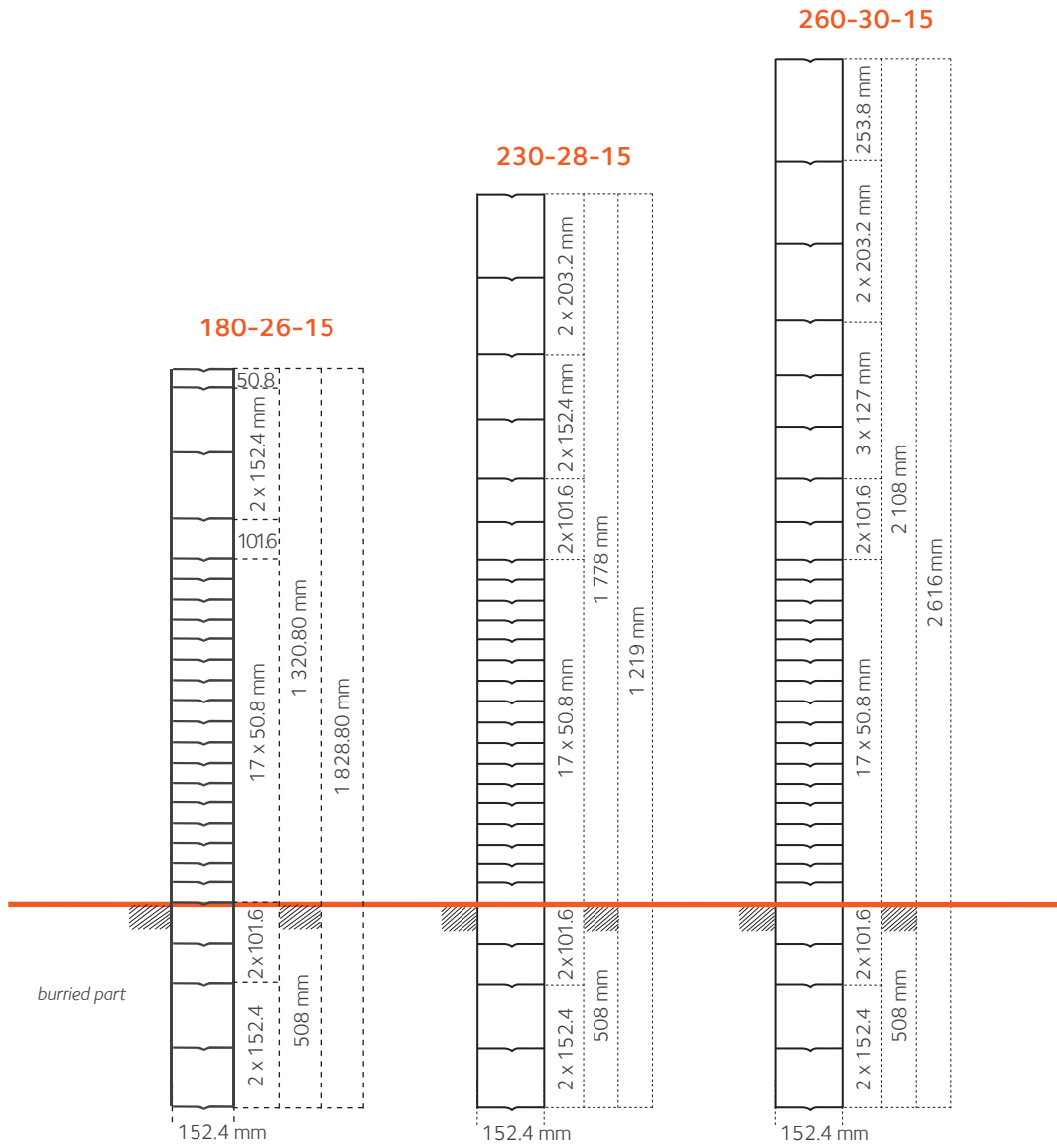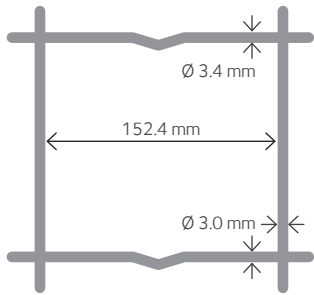
Atak®Heavy

Welded fence with Crapal®Optimum coating

Product description

Heavy welded fence with progressive meshes suitable for many applications.

▶ Robustness, rigidity and high resistance to corrosion are the main features of this upscale fence
▶ Wire of large diameter – High resistance horizontal wires
▶ Complies with EN 10223-4 standard

Applications

▶ Industry
▶ Motorway
▶ Railway

Life span **5x longer** than EN 10244-2 heavily galvanised

5X

CRAPAL®OPTIMUM

Characteristics

▶ Other dimensions and meshes are available upon request

| Nomination	Height (cm)	Length (m)	Rolls/pallet
142-12-15	142.2	50	6
180-14-15	180.3	50	6
200-12-15	203.2	50	6
203-15-15	203.2	50	6
244-17-15	243.8	50	6
250-20-15	248.9	50	6

Mesh

▶ Top and bottom wires Ø 3.40 mm R 70 to 90 kg/mm²
▶ Horizontal wires Ø 3.00 mm R 70 to 90 kg/mm²
▶ Vertical wires Ø 3.00 mm R 40 to 55 kg/mm²

ArcelorMittal

Atak®Heavy

Dimensions

142-12-15

- Ø 3.4 mm
- 152.4 mm
- Ø 3.0 mm

180-14-15

200-12-15
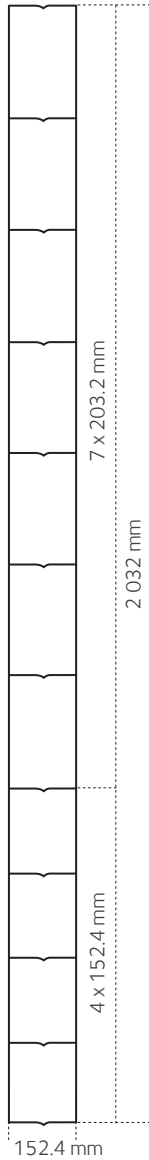
203-15-15

244-17-15

250-20-15

142-12-15:
- 3 x 203.2 mm
- 1 422.8 mm
- 8 x 101.6 mm
- 152.4 mm

180-14-15:
- 4 x 203.2 mm
- 1 803 mm
- 3 x 152.4 mm
- 3 x 101.6 mm
- 3 x 76.2 mm
- 152.4 mm

200-12-15:
- 7 x 203.2 mm
- 2 032 mm
- 4 x 152.4 mm
- 152.4 mm

203-15-15:
- 6 x 203.2 mm
- 2032 mm
- 8 x 101.6 mm
- 152.4 mm

244-17-15:
- 8 x 203.2 mm
- 2438.4 mm
- 8 x 101.6 mm
- 152.4 mm

250-20-15:
- 5 x 203.2 mm
- 2 083 mm
- 3 x 152.4 mm
- 2 489 mm
- 3 x 101.6 mm
- 4 x 76.2 mm
- 4 x 101.6 mm
- 406.4 mm
- 152.4 mm

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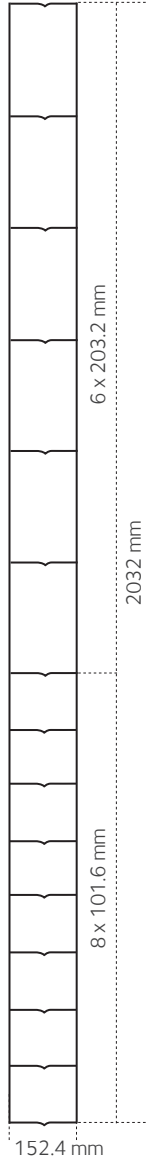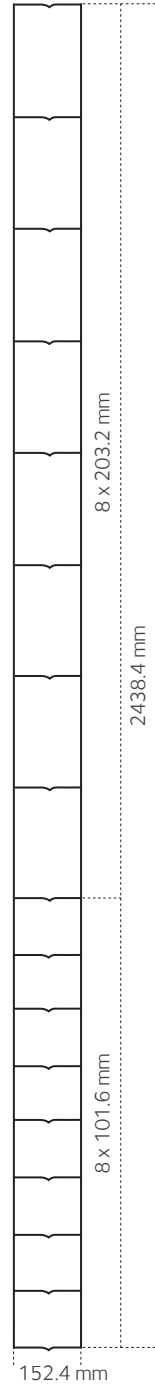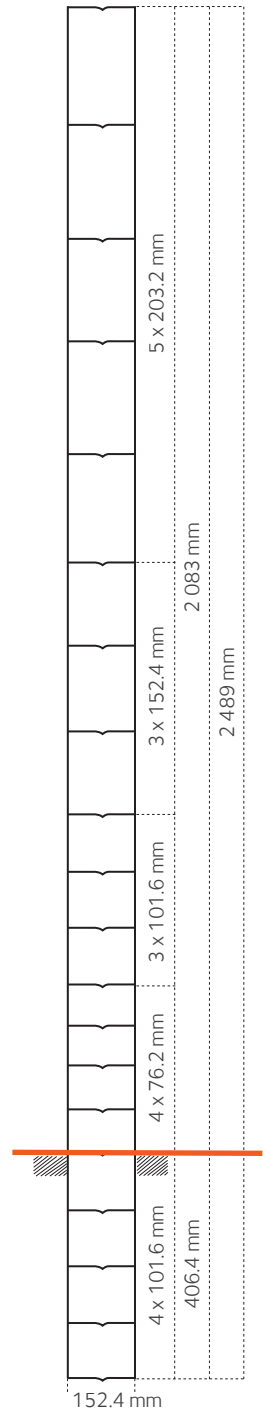
Atak®Medium

Welded fence with Crapal®2 coating

Product description

Welded mesh in high tensile steel especially suitable for the protection of forestry

▶ Progressive meshes
▶ Horizontal wires in high tensile steel (70 to 90 kg/mm²)
▶ Product complies with EN 10223-4 standard

Applications

▶ Agriculture
▶ Forestry
▶ Industry
▶ Housing

Life span **2x longer** than EN 10244-2 heavily galvanised

2X

CRAPAL®2

Characteristics

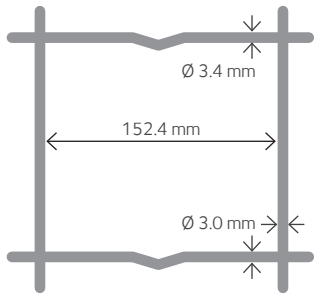| Nomination	Height (cm)	Length (m)	Rolls/pallet
120-11-15	121.9	50	12
150-13-15	149.9	50	12
150-18-15	149.9	50	12
180-20-15	180.3	50	12
200-21-15	200.7	50	12

Mesh

▶ Top and bottom wires Ø 2.25 mm R 70 to 90 kg/mm²
▶ Horizontal wires Ø 1.90 mm R 70 to 90 kg/mm²
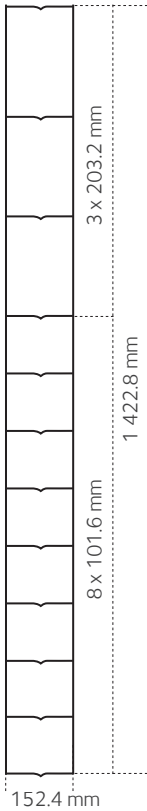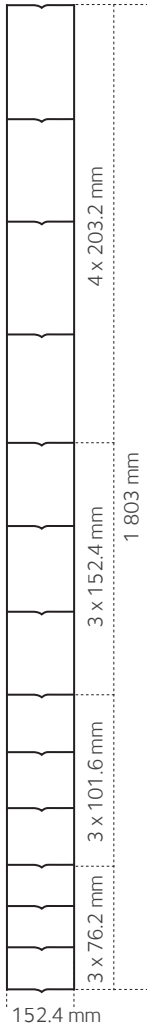▶ Vertical wires Ø 1.90 mm R 40 to 55 kg/mm²

ArcelorMittal

Atak®Medium

Dimensions

Ø 2.25 mm

152.4 mm

Ø 1.9 mm

120-11-15

3 x 152.4 mm
2 x 127 mm
1 219 mm
5 x 101.6 mm
152.4 mm

150-13-15

4 x 152.4 mm
3 x 127 mm
1 499 mm
5 x 101.6 mm
152.4 mm

150-18-15

2 x 152.4 mm
2 x 127 mm
3 x 101.6 mm
1 499 mm
5 x 76.2 mm
5 x 50.8 mm
152.4 mm

180-20-15

4 x 152.4 mm
2 x 127 mm
3 x 101.6 mm
1 803 mm
5 x 76.2 mm
5 x 50.8 mm
152.4 mm

200-21-15

203.2 mm
4 x 152.4 mm
2 x 127 mm
3 x 101.6 mm
2 007 mm
5 x 76.2 mm
5 x 50.8 mm
152.4 mm

ArcelorMittal
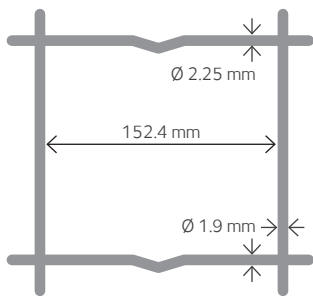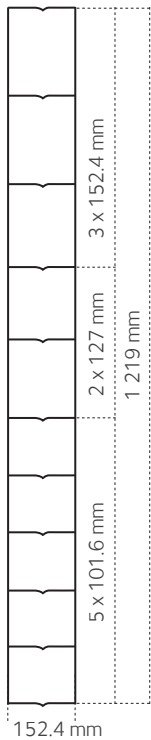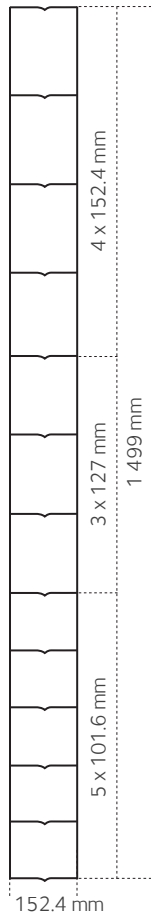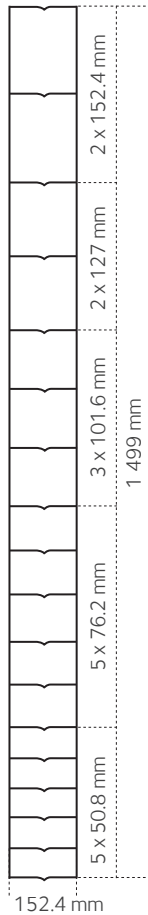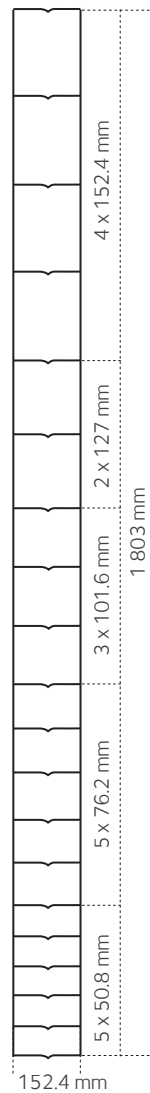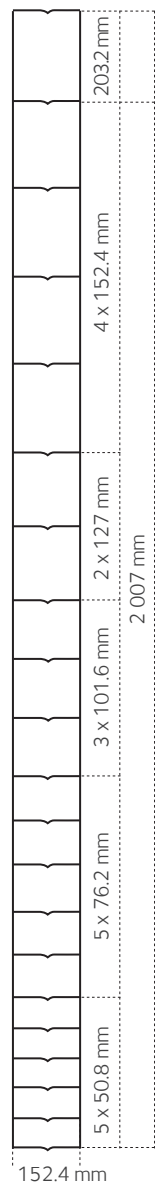
Parco®Crapal®2

Welded fence with Crapal®2 coating

Product description

Welded fence with regular meshes

▶ Large diameter
▶ Product complies with EN 10223-4 standard

Applications

▶ Industry
▶ Motorway
▶ Outdoor parkings

Life span **2x longer** than EN 10244-2 heavily galvanised

2X

CRAPAL® **2**

Characteristics

Nomination	Height (cm)	Length (m)	Rolls/pallet
150-16-5	152.4	25	9
180-19-5	182.9	25	9
200-21-5	203.2	25	9

Mesh

▶ 101.6 x 50.8 mm
▶ Horizontal and vertical wires Ø: 2.70

ArcelorMittal

Parco®Crapal®2

Dimensions

50.8 mm

101.6 mm

Ø 2.7 mm

150-16-5

15 x 101.6 mm
1 524 mm

50.8 mm

180-19-5

18 x 101.6 mm
1 829 mm

50.8 mm

200-21-5

20 x 101.6 mm
2 032 mm

50.8 mm

ArcelorMittal
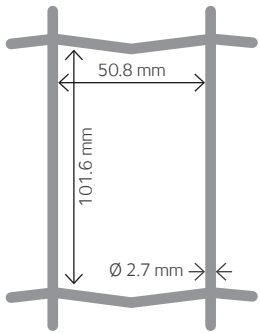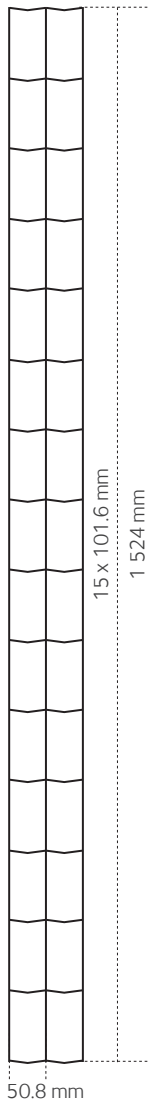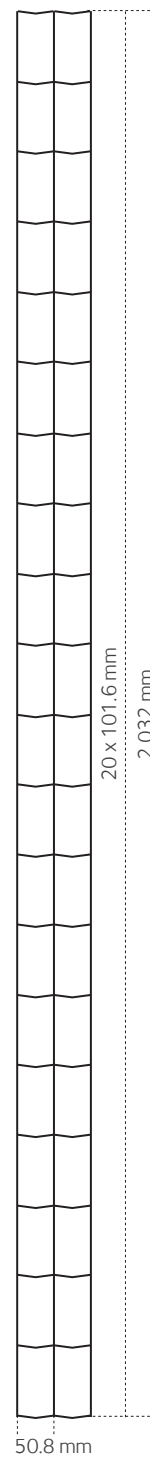
Prairie®Medium

Field fence with Crapal®2 coating

Product description

Field fence specially developed for farms and meadows

▶ Very complete solution adapted to all kinds of pens and animals
▶ Heavy horizontal wires: 75 to 95 kg/mm²
▶ Product complies with EN 10223-5 standard

Application

▶ Livestock farming

Life span **2x longer** than EN 10244-2 heavily galvanised

2X

CRAPAL®2

Characteristics

Nomination	Height (cm)	Length (m)	Rolls/pallet
60-6-15	57	50 to 100	20 to 12
80-6-15	80	50	20
80-8-15	80	50 to 100	20 to 12
100-8-15	102	50	20
100-9-15	98	50 to 100	20 to 12
100-10-15	103	50 to 100	20 to 12
100-10-30	103	50 to 100	20 to 16
100-15-15	97	50	16
120-14-15	123	50	16
120-16-15	121	50	16
145-18-15	144	50	16
150-13-15	151	50	20
200-22-15	197	50	16

Mesh

▶ Top and bottom wires Ø 2.40 mm
▶ Horizontal wires Ø 1.90 mm
▶ Vertical wires Ø 1.90 mm

ArcelorMittal

Prairie®Medium

Dimensions

Ø 2.4 mm

152.4 mm

Ø 1.9 mm

60-6-15

140 | 127 | 114 | 101 | 88

571 mm

152.4 mm

80-6-15

203 | 177 | 152 | 140 | 127

800 mm

152.4 mm

80-8-15

152 | 140 | 127 | 114 | 101 | 89 | 76

800 mm

152.4 mm

100-8-15

203 | 177 | 152 | 140 | 127 | 114 | 101

1 016 mm

152.4 mm

200-22-15

228 | 203 | 177 | 152 | 140 | 127 | 114 | 101 | 89 | 76

1 968 mm

11 x 51 mm

152.4 mm

150-13-15

228 | 203 | 177 | 152 | 140 | 127 | 114 | 101 | 89 | 76

1 511 mm

2 x 51 | 9 x 51 mm

152.4 mm

145-18-15

177 | 152 | 140 | 127 | 114 | 101 | 89 | 76

1 435 mm

9 x 51 mm

152.4 mm

120-16-15

152 | 140 | 127 | 114 | 101 | 89 | 76

1 206 mm

8 x 51 mm

152.4 mm

120-14-15

177 | 152 | 140 | 127 | 114 | 101 | 89

1 231 mm

5 x 51 mm

152.4 mm

100-15-15

127 | 114 | 101 | 89 | 76

965 mm

9 x 51 mm

152.4 mm

100-10-30
100-10-15

177 | 152 | 140 | 127 | 114 | 101 | 89 | 76 | 51

1 028 mm

152.4 mm

100-9-15

177 | 152 | 140 | 127 | 114 | 101 | 89 | 76

977 mm

152.4 mm

ArcelorMittal

Prairie®Heavy

Field fence with Crapal®Optimum coating

Product description

Heavy field fence with progressive meshes

▶ Large diameters for increased resistance
▶ Product complies with EN 10223-5 standard

Application

▶ Livestock farming

Life span **5x longer** than EN 10244-2 heavily galvanised

5X

CRAPAL®OPTIMUM

Characteristics

Nomination	Height (cm)	Length (m)	Rolls/pallet
80-8-15	80	50	12
100-9-15	98	50	12
120-10-15	118	50	12
140-11-15	141	50	12

Mesh

▶ Top and bottom wires Ø 3.70 mm
▶ Horizontal wires Ø 3.00 mm
▶ Vertical wires Ø 3.00 mm

ArcelorMittal

Prairie®Heavy

Dimensions

Ø 3.7 mm

152.4 mm

Ø 3.0 mm

80-8-15

152 140 127 114 101 89 76

800 mm

152.4 mm

100-9-15

177 152 140 127 114 101 89 76

977 mm

152.4 mm

120-10-15

203 177 152 140 127 114 101 89 76

1 181 mm

152.4 mm

140-11-15

228 203 177 152 140 127 114 101 89 76

1 409 mm

152.4 mm

ArcelorMittal
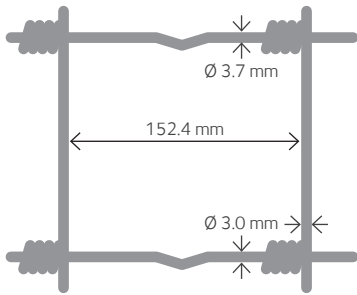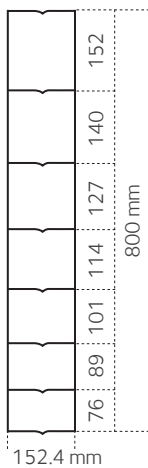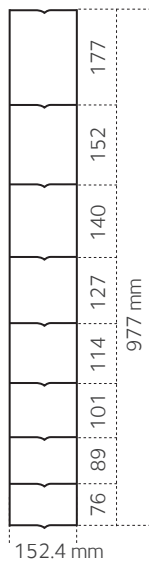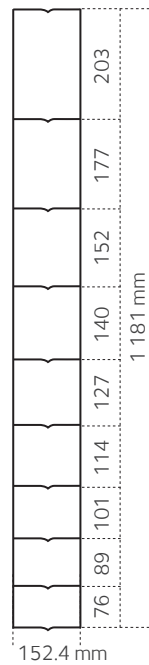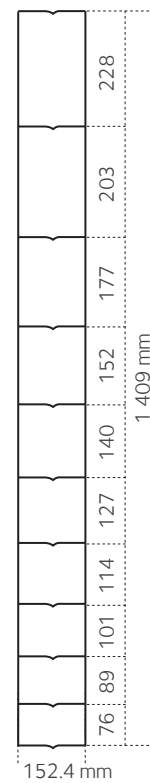
Torro®

Barbed wire with Crapal®Optimum coating

Product description

Barbed wire which combines very high robustness and outstanding life span

- ▶ **Robustness:** exceptional breaking load – High resistance wire with large diameters (80 kg/mm²)
- ▶ Not deformable barbs, longer and closer
- ▶ Easy handling and installation – Protective cardboard with carrying handle and polyethylene core
- ▶ Product complies with EN 10223-1 standard

Applications

- ▶ Livestock farming
- ▶ Motorway and Railway
- ▶ Industry
- ▶ Security

Life span **5x longer** than EN 10244-2 heavily galvanised

5X

CRAPAL®OPTIMUM

Characteristics

Wire Ø (mm)	Length (m)	Number of barbs	Space between barbs (cm)	Min. breaking load (kg)	Rolls/pallet
2.5	200	4	7.5	760	36

Barb

ArcelorMittal
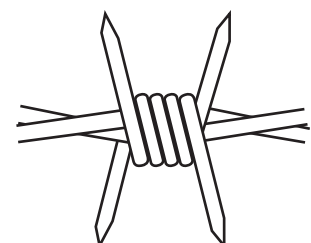
Scorpio®

Barbed wire with Crapal®2 coating

Product description

Manufactured with high tensile wire in Ø 1.70 mm, Scorpio® has a minimum breaking load of 440 kg (equivalent to a low carbon steel barbed wire with a diameter of 2.70 mm)

▶ Alternating twists lock the barbs at regular spacings of 10 cm preventing them from slipping
▶ Delivered in a protective cardboard with carrying handle
▶ Product complies with EN 10223-1 standard

Applications

▶ Agriculture
▶ Motorway
▶ Industry

Life span **2x longer** than EN 10244-2 heavily galvanised

2X

CRAPAL®2

Characteristics

Wire Ø (mm)	Length (m)	Number of barbs	Space between barbs (cm)	Rolls/pallet
1.7	100	4	10	96
1.7	250	4	10	64
1.7	500	4	10	36

Barb

ArcelorMittal
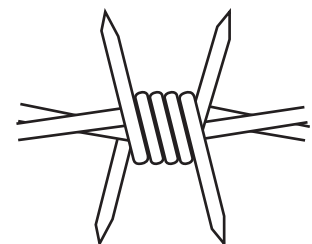
Rodeo®Crapal®2

Barbed wire with Crapal®2 coating

Product description

Traditional barbed wire with two or four barbs spaced at 10 cm

▶ Supplied with a protective cardboard with carrying handle
▶ Product complies with EN 10223-1 standard

Application

▶ Livestock farming

Characteristics

Wire Ø (mm)	Length (m)	Number of barbs	Space between barbs (cm)	Rolls/pallet
2.2	100	4	10	80
2.4	100	4	10	80
2.7	100	4	10	80
2.2	200	4	10	48
2.4	200	4	10	48
2.7	200	4	10	48
2.7	200	2	10	60

Barb

ArcelorMittal

Rodeo®Basic

Commercially galvanised barbed wire

Product description

Commercially galvanised barbed wire with barbs spaced at 10 cm

▶ Supplied with a protective cardboard with carrying handle
▶ Product complies with EN 10223-1 standard

Application

▶ Livestock farming

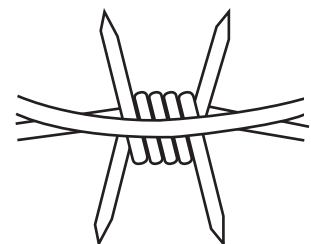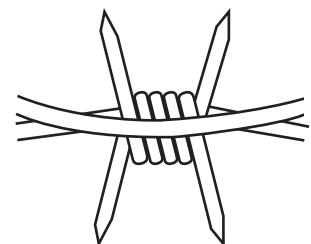### Coating

▶ Commercially galvanised

Characteristics

Wire Ø (mm)	Length (m)	Number of barbs	Space between barbs (cm)	Rolls/pallet
2.2	100	4	10	80
2.4	100	4	10	80
2.7	100	4	10	80
2.2	200	4	10	48
2.4	200	4	10	48
2.7	200	4	10	48
2.7	200	2	10	60

Barb

ArcelorMittal

Wire for electric fencing

Crapal®Optimum coating

Product description

Special wire for permanent and semi–permanent electric fencing
A solution suitable for all needs

- ▶ Commercial low carbon steel (coils of 5 kg)
- ▶ High carbon steel offering an increased mechanical strength supplied (coils of 25 kg)
- ▶ Reinforced electrical conductivity due to additional aluminium in the coating
- ▶ Does not hurt animal coat
- ▶ Eco-friendly product

Applications

- ▶ Livestock farming
- ▶ Industry
- ▶ Security

Life span **5x longer** than EN 10244-2 heavily galvanised
5X

CRAPAL®OPTIMUM

Characteristics

- ▶ Please contact us for further information

Coils of 5 kg – Inside diameter 270 mm

Wire diameter (mm)	Length (m)	Weight (kg)	Resistance (kg/mm²)
1.6	300	5	40/50
1.8	250	5	40/50

Coils of 25 kg delivered in bundles of 500 kg – Inside diameter 600 mm

Wire diameter (mm)	Length (m)	Weight (kg)	Resistance (kg/mm²)
1.6	1600	25	100/120
2.5	650	25	100/120

ArcelorMittal

Accordo™Green

Chain link fence

Product description

Chain link fence produced from galvanised wire with a protective organic coating

▶ Diamond-shaped mesh suitable for erection on broken grounds
▶ Product complies with EN 10223-6 standard

Applications

▶ Industry
▶ Residential
▶ Sport

Coating

▶ Organic coating with galvanised wire core

Standard colour

▶ Green RAL 6005
▶ Black RAL 9005 on demand

Characteristics

▶ Galvanised Accordo™ and Accordo™ Crapal®4 are available upon request

Mesh size (mm)	Wire diameter (mm)	Height (cm)	Length (m)
50	2.8	100	25
50	2.8	120	25
50	2.8	150	25
50	2.8	175	25
50	2.8	200	25
50	3.1	100	25
50	3.1	120	25
50	3.1	150	25
50	3.1	175	25
50	3.1	200	25

Mesh

50 mm

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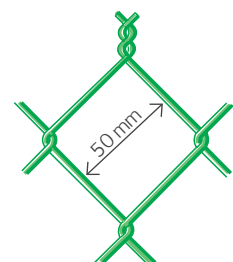
Avigal™

Hexagonal netting

Product description

Hot dipped galvanised fence with hexagonal netting

▶ Can be used as pen for small animals
▶ Its flexibility means it has many uses
▶ Product complies with EN 10223-2 standard

Applications

▶ Agriculture
▶ Many other uses

Coating

▶ Hot dipped galvanised

Colour
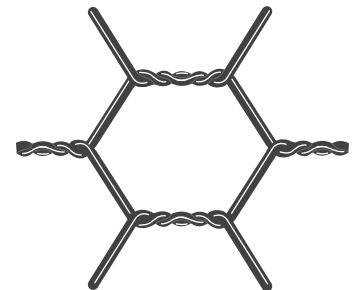
▶ Green RAL 6005 on demand

Characteristics

▶ Other sizes and lenghts on demand

Mesh size (mm)	Wire diameter (mm)	Height (cm)	Length (m)
13	0.7	50	25
13	0.7	100	25
25	0.8	50	25
25	0.8	100	25
25	0.8	100	50
25	0.8	120	50
25	0.8	150	50
25	0.8	200	50
40	0.9	50	50
40	0.9	100	50
40	0.9	120	50
40	0.9	150	50
50	1.0	100	50

Netting

ArcelorMittal

Quadra™

Heavily galvanised welded fence

Product description

Heavily galvanised welded fence with small square meshes

▶ **Many applications:** DIY, industry, protection of small wildlife, etc.
▶ Its excellent resistance to deformation and its anticorrosion properties makes it a very popular product

Characteristics

▶ Product delivered in rolls of 25 or 10 m
▶ Meshes from 6.5 x 6.5 up to 25 x 25 mm
▶ Please contact us for further information

Applications

▶ Very diverse: agriculture, industry, leasure, etc.

Coating

▶ Heavily galvanised

Colour

▶ Green RAL 6005 on demand

Mesh

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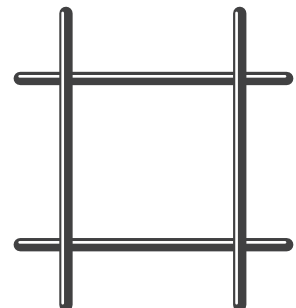
Carrelux®Annealed

Welded mesh in very low annealed wire

Product description

Carrelux® is used in Construction, mainly as primary reinforcement for cementitious floor screeds

▶ Product complies with NF P61-202 (DTU 52.1)
▶ A professional product easy to carry, store and handle
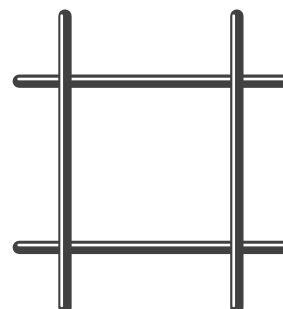▶ Large programme with sizes up to 150 cm

Applications

▶ Construction
▶ Others

Quality

▶ Annealed

Squared mesh

Characteristics

Standard types

	Min. weight (m²)	Mesh size (mm)	Wire Ø (mm)	Width (cm)	Roll length (m)	Surface (m²)	Rolls/pallet
E	220	50 x 50	0.9	100	100	100	16
F	325	100 x 100	1.8 x 1.4	100	100	100	9
G	650	50 x 50	1.8 x 1.4	100	50	50	9

Specific types

	Min. weight (m²)	Mesh size (mm)	Wire Ø (mm)	Width (cm)	Roll length (m)	Surface (m²)	Rolls/pallet
E	220	50 x 50	0.9	120*	100	120	16
F	325	100 x 100	1.8 x 1.4	120*	100	120	9
G	650	50 x 50	1.8 x 1.4	120*	50	60	9
G	650	50 x 50	1.8 x 1.4	120*	50	75	9

ArcelorMittal

Conditioning wire

For many applications

Characteristics

Packaging in traditional coils of 5 or 25 kg

Coils of 5 kg strapped together in 5 (= 25 kg)
▶ Ø 0.80 to 1.80 mm supplied in 5 bundles (= 125 kg) – Order unit per dimension
▶ Ø 2.00 to 6.00 mm supplied in 10 bundles (= 250 kg) – Order unit per dimension

Coils of 25 kg supplied in 10 bundles (= 250 kg) – Order unit per dimension

Wire diameter (mm)	Inside diameter – Coils (mm)	Weight (kg)
0.80	from 250 to 280	5 or 25
0.90	from 250 to 280	5 or 25
1.00	from 250 to 280	5 or 25
1.10	from 250 to 280	5 or 25
1.20	from 250 to 280	5 or 25
1.30	from 250 to 280	5 or 25
1.40	from 250 to 280	5 or 25
1.50	from 250 to 280	5 or 25
1.60	from 250 to 280	5 or 25
1.80	from 250 to 280	5 or 25
2.00	from 550 to 600	5 or 25
2.20	from 550 to 600	5 or 25
2.40	from 550 to 600	5 or 25
2.70	from 550 to 600	5 or 25
3.00	from 550 to 600	5 or 25
3.40	from 550 to 600	5 or 25
4.00	from 550 to 600	5 or 25
4.40	from 550 to 600	5 or 25
5.00	from 550 to 600	5 or 25
5.40	from 550 to 600	5 or 25
6.00	from 550 to 600	5 or 25

Applications

▶ Agriculture
▶ Industry
▶ Construction

Coatings

▶ Commercially galvanised
▶ Heavily galvanised
▶ Black annealed

Contact us for further information:

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Company certified ISO 9001, ISO 14001 and OHSAS 18001