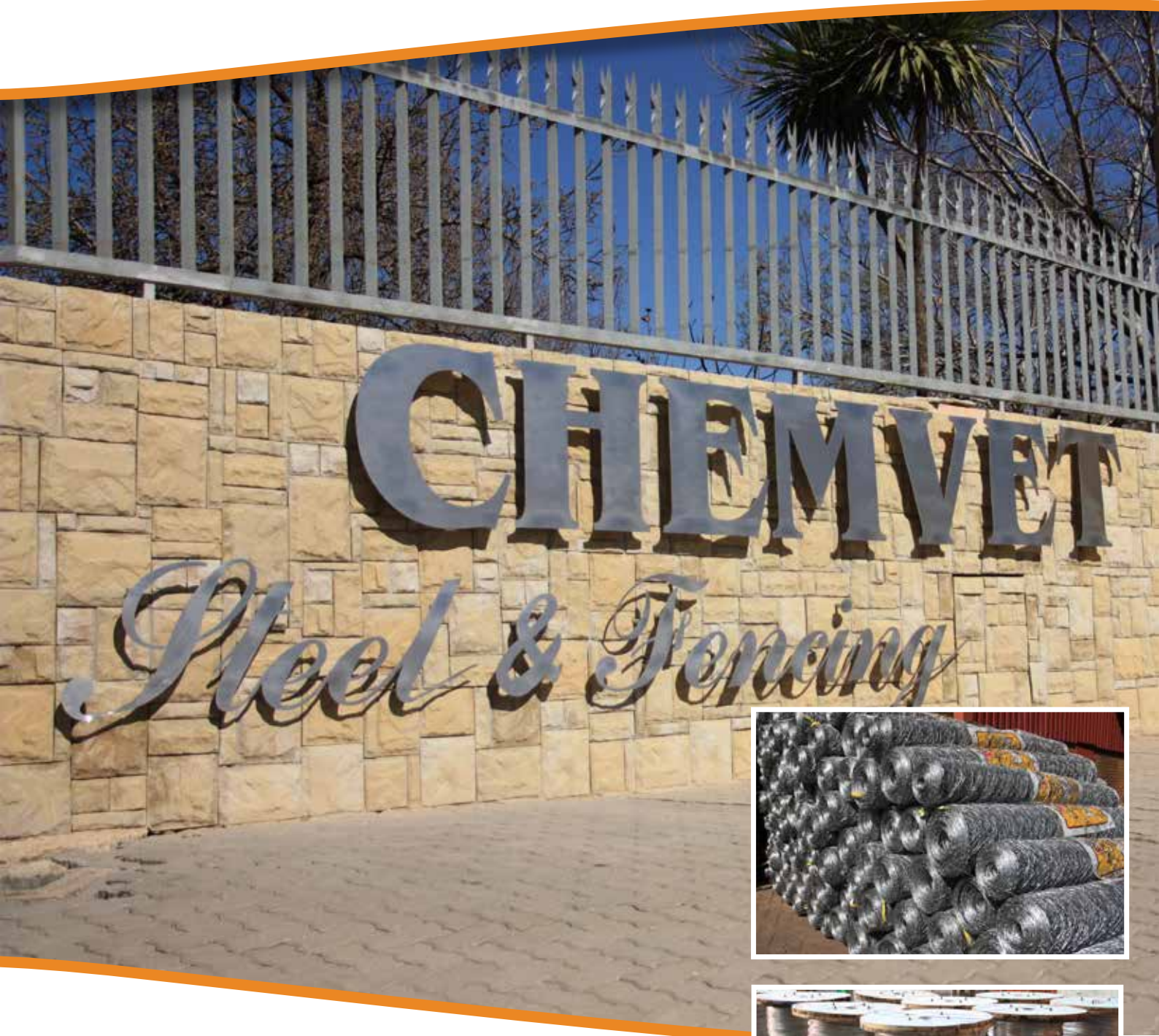




Chemvet

Steel & Fencing



**FENCING
CATALOGUE**

Security Fences

Electric Fences

Free Standing
Walltop
Piggy Back

Other Security Fences

Diamond Mesh
Welded Mesh
Palisade

Stock Fencing

Cattle Fence

Barbed Wire
Fieldfence

Game Fences

1.8m

16 Strand Conventional
Fieldfence

2.4m

21 Strand Conventional
Fieldfence

Breeding Camps

30 Strands Steel Wire
21 Strands +
Jackalproof



Fencing Products

Wire

Welded Mesh
Binding Wire
Barbed Wire
Diamond Mesh
Netting Wire
Fieldfence
Razorwire
Flatwrap
Concertina
Razormesh

Posts and Stays

Corner Posts
Straining Posts
Intermediate Posts
Security Posts
Stays
Cross Braces

Y-Standard & Droppers

Y-Standards
I-Standards
Security Y-Standards
Ridgeback Mittal Droppers

Gates

Farm Gates
Auction Gates
Sliding Gates
Lion Gates
Lion Gates D/Mesh
Diamond Mesh

Single
Double

Security Fences

Electric Fences

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Diamond Mesh
Welded Mesh
Palisade





Electric Fences

Free Standing



Free Standing Electric Fence: A free standing Electric fence is a permanent self-standing electric fence. The fences are predominantly for security purposes, are normally 1.8-3m in height with alternate live earth 2.24 High Strain Line Wires spaced 10cm apart.

Insulated Intermediate Y standards are normally spaced every 3m with straining taking place at strain posts installed at a maximum interval of 100m. Earth spikes are normally installed every 100m on a free standing fence.

Electric Fences

Walltop



Wall Top Electric Fencing: A wall-top electric fence normally consists of 3m spaced steel brackets made from flat bar or square tube attached to a wall, supporting 5 to 10 vertical alternate live and earth electric fence wires.

Straining posts and earth spikes should be installed every 30m on a wall-top fence.



Electric Fences

Piggyback



Piggy Back Electric fence: A piggy back electric fence is a free standing electric fence normally 18 to 30 strands that is not capable of mechanically supporting itself, and thus is permanently secured to a supporting structure, such as a palisade fence, mesh fence or precast wall.

Piggyback back brackets are normally manufactured from a rolled galvanized “omega” profile, but can also consist of custom made square tube or angle Iron brackets. Straining points should be every 50m, with earth spikes normally every 30m.

Other Security Fences

Diamond Mesh



Diamond mesh security fence is a medium security barrier.

Diamond mesh is available in different heights and sizes depending on the application e.g. general perimeter fence or security.

Diamond mesh in conjunction with flatwrap or concertina razor wire increases your security needs.

Other Security Fences

Razor Mesh



Razor wire is a high security fencing mesh used to protect commercial, industrial and government industries.

This product is virtually impossible to climb through or cut with standard tools. Razor mesh is not animal friendly.

Other Security Fences

Welded Mesh



Welded mesh is a strong wire mesh which is manufactured from different wire thicknesses and aperture sizes.

Depending on application, this wire is manufactured from pre-galvanised wire and spot welded afterwards.

Application varies from a medium security barrier, perimeter fence, dog kennels or bird cages.

Other Security Fences

Palisade



HOT ROLLED ANGLE PALISADE

PANELS

Hot Rolled Panels

- On a 40 X 40 panel, there are 16 palings spaced 120mm apart (available in Devils Fork, 3 spike or 7 spike)
- All panels 40 X 40 X 2mm angle back arms (back braces) standard.

Palings

- The palings are standard hot rolled angle iron 40 X 40 X 2mm

Gates

- Pedestrian gates can be built into the main gate or provided separately.
- Pedestrian gates range from 800mm – 1600mm. (76 X 38 X 1.6mm tubing for frame)
- The gaps between the palings on a 40 X 40 paling gates are 120mm.
- 3.5m – 4.5m gates (76 X 38 X 1.6mm frame) are wide enough for a car and a 4.5m – 8.5m gates (100 X 50 X 2mm frame) are wide enough for trucks.

Posts

- Posts are capped with a square domed posts cap which is welded onto a 76 X 76 X 2mm (2.4m or 3.0m) square tube post.
- To determine the amount of posts needed to go with your panels, add one more post to the amount of panels ordered.



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Stock Fencing

Cattle Fence

Barbed Wire
Fieldfence

Game Fences

1.8m

16 Strand Conventional
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2.4m

21 Strand Conventional
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Breeding Camps

30 Strands Steel Wire
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Jackalproof





Cattle Fences

Barbed Wire



This can also be used as a perimeter fence around a area but has little security advantages.

A cattle fence usually consists of 5 strands barbed wire, either single or double strands. Strands varies from the application eg. cattle, sheep or goats.

Barbed wire cattle fences are known as a barrier to fence live stock animals in.



Cattle Fences

Fieldfence



Fieldfence is a woven fence and consists of a number of horizontal and vertical smooth wire strands. Spacing of the wire generally gets wider as the fence gets higher.

The blocks ensure that small animals are kept in or out.

Different heights and block sizes are available depending on the application e.g. sheep, goats and cattle.

CLASSIFICATION OF COMMON SOUTH AFRICA GAME SPECIES

Class 1	Class 2	Class 3
Eland	Blue Wildebeest	Springbok
Kudu	Black Wildebeest	Blesbuck
Waterbuck	Oryx	Steenbok
Impala	Zebra	Duiker
Nyala	Roan	Oribi
Buffalo	Sable	Bontebok
	Hartebeest	Klipspringer
	Guraffe	
	Bushbuck	
	Nyala	
	Buffalo	
	Grey & Common Reedbuck	

CLASSIFICATION OF SPECIES MAY DIFFER BETWEEN VARIOUS PROVINCIAL NATURE CONSERVATION DEPARTMENTS.

Game Fence

The height of the fence on a game ranch depends on the type of animals kept. Game can be grouped into various categories on the basis of their potential to move over, under or through the fences. It should, however, be noted that most animals will only resort to crossing fences when they are under some kind of stress or duress. The following fence-crossing groups can be distinguished:

- Animals that jump over fence: Kudu, Impala, Mountain Reedbuck, Grey Rhebok, Eland and Waterbuck.
- Animals that crawl underneath or through fences: Ungulates like Warthog, Bushpig, Duiker, Steenbok, Klipspringer, Gemsbok, Springbok, Sable, Antelope, Red Hartebeest and Tsesebe, and predators such as Jackals, Caracal, Cheetah, Leopard and Lion.
- Animals that break fences: Buffalo, White and Black Rhino, Giraffe and Waterbuck, and also Eland, Blue Wildebeest and Sable, Antelope, bulls
- Animals that usually do not jump over fences: Springbok, Blesbok, Steenbok, Duiker and Oribi

Game Fences

1.8m

16 Strand Conventional
Fieldfence



A 1.8m game fence are recommended for crawling game (See table on previous page).

Different options are available eg. conventional game fence with 16 strands, steel wire or field fence.

Game Fences

2.4m

21 Strand Conventional
Fieldfence

Supplied by:

CHEMVET

STEEL AND FENCING

011 437 9000

Supplier
Erector

A 2.4m game fence are recommended for Class 1 animals that jump fences (see table 2 pages back).

A conventional game fence normally consists of 21 strands smooth steel wire, but field fence is also available.

Game Fences

Breeding Camps

30 Strands Steel Wire

21 Strands +

Jackalproof



Breeding Camps:

A Breeding camp should be totally predator proofed and different options are available:

- 30 Strands Steelwire – 2.4m Height

This fence consists of 30 strands smooth steelwire. The horizontal wires are spaced closed together in order to prevent jackal etc. to enter the fence. Ystandards are spaced at 10m intervals and Droppers can be spaced from 500mm to 1.43m (standard). For the fence to be totally predator free, Chemvet recommends adequate electrification as well, with a tripwire to prevent warthog from borrowing under the fence.

- 21 Strands Steelwire with netting – 2.4m Height

The conventional game fence consists of 21 strands steelwire. Nettingwire (jackalproofing) are added to the bottom part of the fence. Different heights on the nettingwire are available i.e. 900mm, 1200mm, 1500mm and 1800mm. The nettingwire are folded over at the bottom part and put on ground level. To ensure that the camp are free from predators, adequate electrification should be added to the fence together with a tripwire to prevent warthog from burrowing under the fence. Ystandards are spaced at 10m intervals and droppers can be spaced from 500mm to 1.43m (standard).

Fencing Products

Wire

Welded Mesh
Binding
Barbed Wire
Diamond Mesh
Netting Wire
Fieldfence
Razorwire

Flatwrap
Concertina
Razormesh

Posts and Stays

Corner Posts
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Y-Standard & Droppers

Y-Standards
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Gates

Farm Gates
Auction Gates
Sliding Gates
Lion Gates
Lion Gates D/Mesh
Diamond Mesh

Single

Double



Welded Mesh



Specifications:

Roll Height	Mesh Size	Wire Diameter
1.22M	25 X 13MM	1.6MM
1.22M	25 x 25MM	1.6MM
1.22M	50 X 25MM	2.5MM
1.22M	50 X 50MM	1.6MM
1.22M	50 X 50MM	2.0MM
1.22M	50 X 50MM	2.5MM
1.22M	50 X 50MM	2.0V X 2.5H
1.22M	100 X 50MM	2.0V X 2.5H
1.83M	25 X 25MM	1.6MM
1.83M	50 X 13MM	1.6MM
1.83M	50 X 25MM	1.6MM
1.83M	50 X 25MM	2.5MM
1.83M	50 X 50MM	1.6MM
1.83M	50 X 50MM	2.5MM
1.83M	50 X 50MM	3.15MM
1.83M	100 X 50MM	2.0V X 2.5H
1.83M	100 X 100MM	2.5MM
2.42M	50 X 50MM	2.5MM
2.42M	100 X 50MM	2.0V X 2.5H
2.42M	100 X 75MM	2.5MM

Binding



Specifications:

Wire Diameter:	Metres / Roll	Kg / Roll	Available in:
1.6mm	317m	5kg.	Lightly Galvanised
1.6mm	3175m	50kg.	Lightly and Fully Galvanised
2mm	210m	5kg.	Lightly Galvanised
2mm	2100m	50kg.	Lightly and Fully Galvanised
2.5mm	130m	5kg.	Lightly Galvanised
2.5mm	1300m	50kg.	Lightly and Fully Galvanised
3.15mm	81m	5kg.	Lightly Galvanised
3.15mm	810m	50kg.	Lightly and Fully Galvanised
4mm	50m	5kg.	Lightly Galvanised
4mm	500m	50kg.	Lightly and Fully Galvanised

Barbed Wire



Single Barbed:

	Metres / Roll	Kg / Roll	Wire diameter	Available in	Recommended Tension
Karoo 1 (K1)	845m	35kg.	2.80 X 1.90	Lightly and Fully Galvanised	± 227kg (2.23kN)
Karoo 1 (K1)	515m	35kg.	3.15 X 2.50	Lightly and Fully Galvanised	± 249kg (2.46kN)

Double Barbed:

	Metres / Roll	Kg / Roll	Wire diameter	Available in	Recommended Tension
Iowa	800m	50kg.	2 X 2.0mm	Lightly Galvanised	± 178kg (1.75kN)
Iowa	540m	50kg.	2 X 2.5mm	Lightly Galvanised	± 204kg (2.00kN)
Karoo 2 (K2)	845m	35kg.	2 X 1.6mm	Lightly and Fully Galvanised	± 178kg (1.75kN)

IMPORTANT:

Following erection of a fence, the individual wire should be tensioned to the recommended tension with suitably approved wire strainers and Tensiometer, which are available from Chemvet. The use of motor vehicle or tractors to tension wires is NOT recommended.

Diamond Mesh



Chain Link Fencing

Galvanised Coating: Fully or Lightly Galvanized
Wire Diameters: 2.0mm, 2.5mm (Standard)
3.15mm, 4.0mm (Non-standard)

Mesh Sizes: 50mm, 64mm, 75mm

Roll widths: Available in widths ranging from
900mm to 3000mm

Netting Wire



Netting wire is usually utilised as a means of excluding vermin (e.g jackals, rabbits etc.) and at the same time, controlling domesticated animals (e.g. birds, small and large chickens)

Specifications:

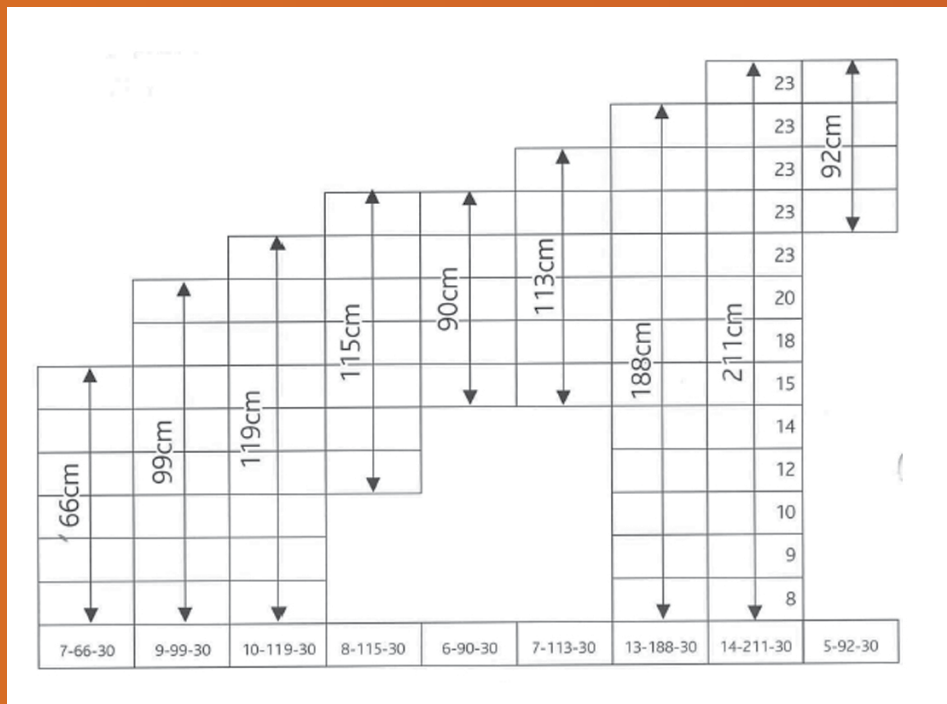
Height	Aperture	Wire Diameter	Roll length	Recommended Application
300mm	13mm	0.71mm	50m	Birds
600mm	13mm	0.71mm	50m	
900mm	13mm	0.71mm	50m	
1200mm	13mm	0.71mm	50m	
1500mm	13mm	0.71mm	50m	
1800mm	13mm	0.71mm	50m	
600mm	25mm	0.9mm	50m	Chicken
900mm	25mm	0.9mm	50m	
1200mm	25mm	0.9mm	50m	
1500mm	25mm	0.9mm	50m	
1800mm	25mm	0.9mm	50m	
600mm	50mm	1.0mm	50m	Fowl
900mm	50mm	1.0mm	50m	
1200mm	50mm	1.0mm	50m	
1500mm	50mm	1.0mm	50m	
300mm	75mm	1.8mm	50m	Jackal
600mm	75mm	1.8mm	50m	
900mm	75mm	1.8mm	50m	
1200mm	75mm	1.8mm	50m	
1500mm	75mm	1.8mm	50m	
300mm	90mm	1.8mm	50m	Pig
600mm	90mm	1.8mm	50m	
900mm	90mm	1.8mm	50m	
1200mm	90mm	1.8mm	50m	
1500mm	90mm	1.8mm	50m	
1800mm	90mm	1.8mm	50m	

Veldspan / Fieldfence



Specifications:

	Lambs	Sheep	Goat	Pigs	Cattle	Boundary	Security	Large Game	Small Game
6-90-30/15		x		x					
9-99-30/15	x	x	x	x		x			
8-115-30/15		x	x	x	x	x			
10-115-30/15	x	x	x	x	x	x			
13-188-30/15							x	x	x
14-211-30/15							x	x	



Razor Wire



Flat Wrap



Available Heights:

500mm X 15m

700mm X 15m

900mm X 15m

Concertina



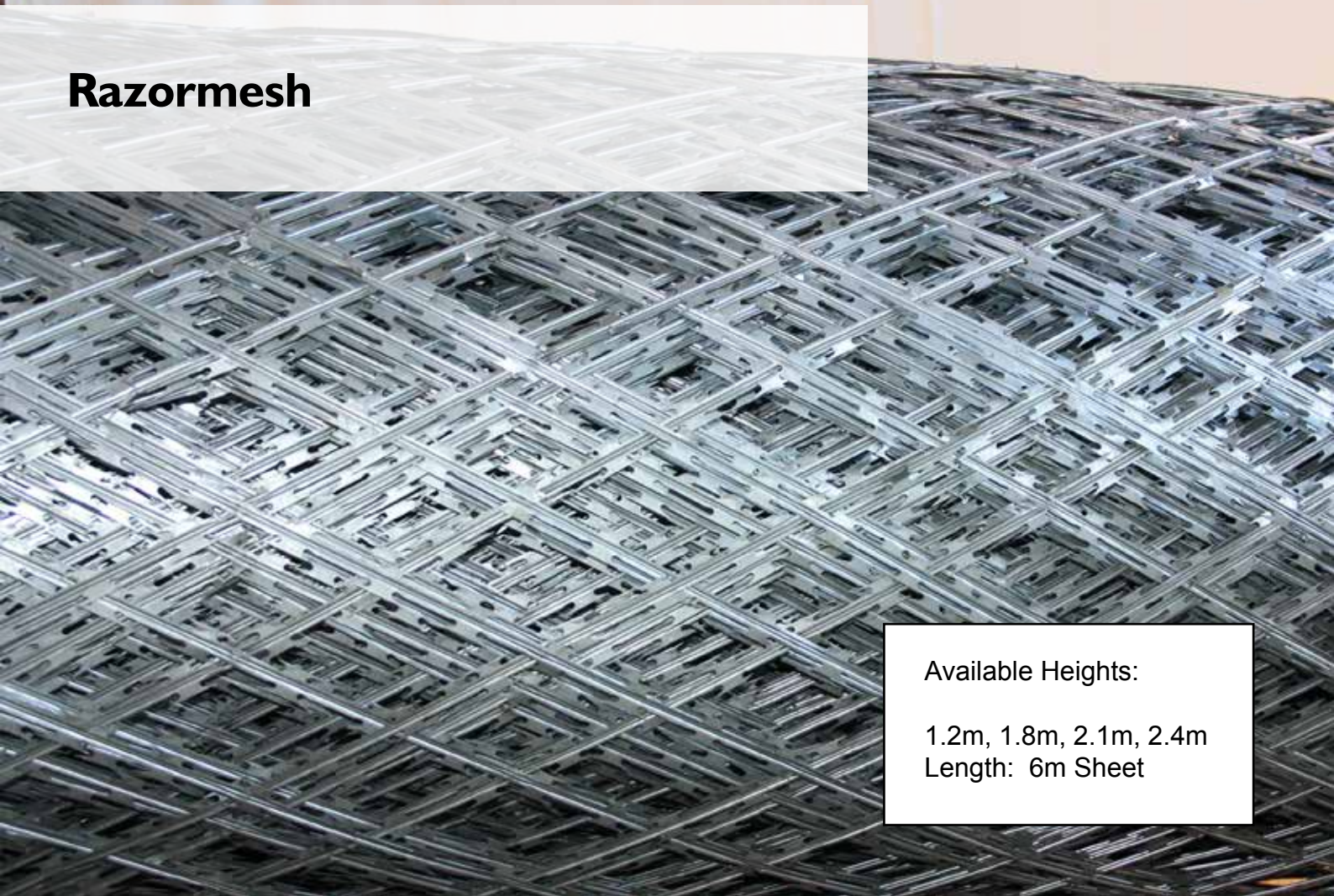
Available Heights:

450mm X 10/12m

730mm X 12m

980mm X 14m

Razormesh



Available Heights:

1.2m, 1.8m, 2.1m, 2.4m

Length: 6m Sheet

Posts and Stays

Corner Posts

Straining Posts

Intermediate Posts

Security Posts

Stays

Cross Braces



Chemvet has it's own in-house manufacturing department.

We can manufacture any posts and stays according to customers specifications.

Material can either be painted or sent to authorised galvanisers for hot dip galvanising.

Y-Standard & Droppers

Y-Standards

I-Standards

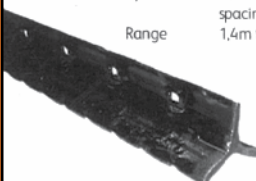
Security Y-Standards

Ridgeback Mittal Droppers



YP 2 kg/m

Holes	50-60mm apart for binding wire, not recommended for lacing or stringing.
Application	Light agricultural, roads and domestic fencing.
Finish	Black coated as standard, but can be supplied uncoated for galvanising.
Apertures	25mm apart for line wire spacing.
Range	1,4m to 2,45m.



IP 3 kg/m

Holes	50-60mm apart for binding wire, not recommended for lacing or stringing.
Application	Light agricultural, roads, domestic fencing. Suitable for rocky terrain.
Finish	Black coated as standard, but can be supplied uncoated for galvanising purposes. One end sharpened.
Apertures	None.
Range	1,4m to 3,05m



Securilec YP 2,1 kg/m

Holes	50-60mm apart for binding wire, not recommended for lacing. Suitable for plastic bobbins.
Application	Electric fencing.
Finish	Black coated as standard, but can be supplied uncoated for galvanising purposes.
Apertures	25mm apart.
Range	2,45m and 3,05m.



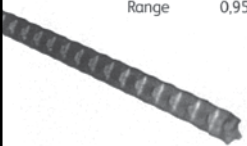
YP 2,3 kg/m

Holes	50-60mm apart for binding wire not recommended for lacing or stringing.
Application	Game fencing.
Finish	Black coated as standard but can be supplied uncoated for galvanising purposes.
Apertures	25mm apart for line wire spacing.
Range	3,05m to 3,6m.



Ridgeback droppers 0,58 kg/m

Application	Line wire spacing of light agricultural, roads, domestic and game fencing.
Finish	Black coated as standard.
Apertures	10mm apart on back, 13mm on front.
Range	0,95m to 2,45m.



Gates

Farm Gates

Auction Gates

Sliding Gates

Lion Gates

Lion Gates D/Mesh

Diamond Mesh

Single

Double

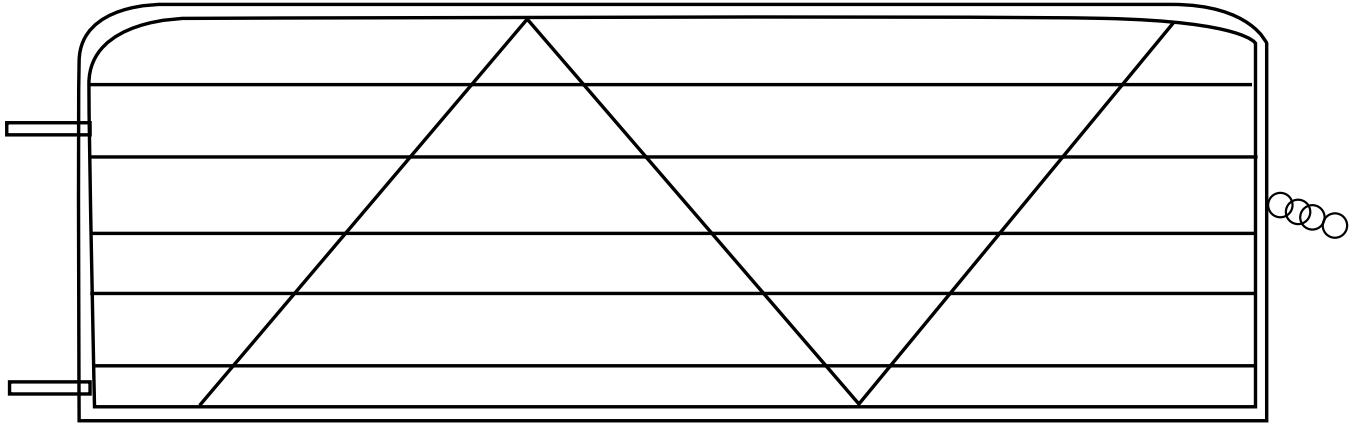


Farm Gates

Sizes	Heights	
.900	3.0m	.900mm
1.2m	3.6m	1.2m
1.5m	4.2m	
1.8m	4.8m	
2.4m	5.4m	
2.7m		

Medium gates =
28mm tubing with
2.0mm vertical wire

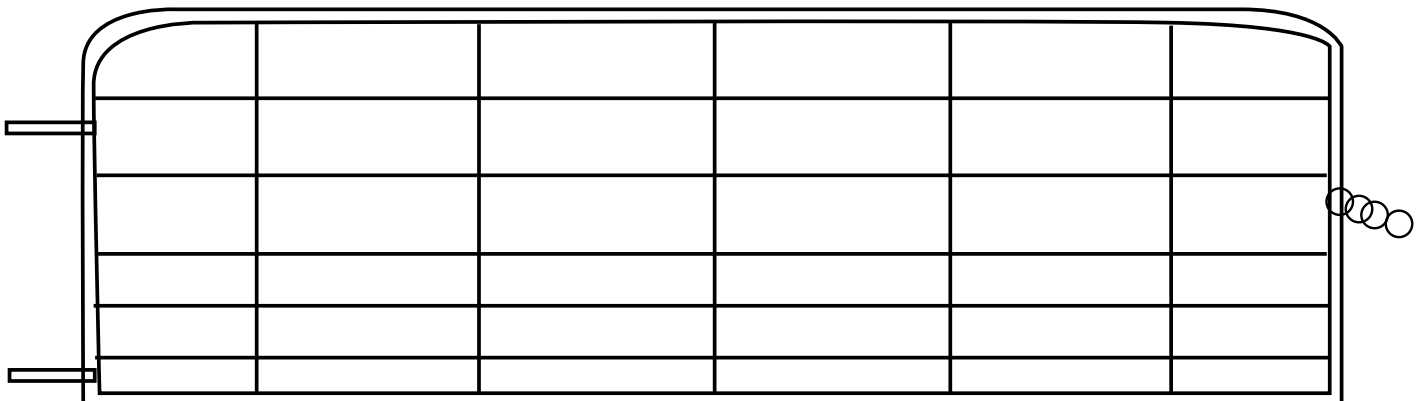
Heavy gates = 42mm
tubing with 2.5mm
vertical wire



Auction Gates

Sizes	Heights	
3.0m x 1.2m	1.2m	
3.6m x 1.2m		
4.2m x 1.2m		
4.8m x 1.2m		

42mm Tubing with
25x5 flatbar (6
vertical supports)
2x eyebolts with
chain



Sliding Gates



Sliding gates are manufactured to customers requirements.

Lion Gates



Lion crutches can be manufactured to customers specification.

Lion Gates D/Mesh

Heavy duty Diamond Mesh covered gate.

Strong and covered with 64mm x 2.5 mm Diamond Mesh.

Diamond Mesh Gates

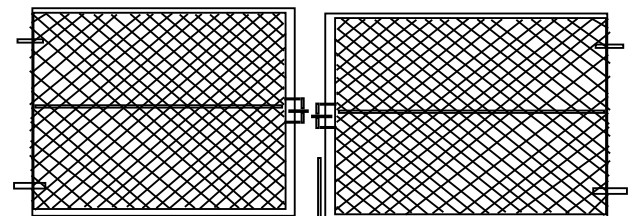
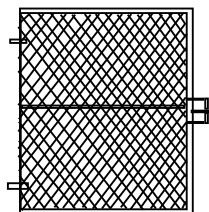
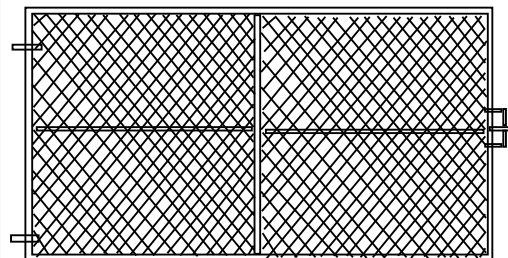


Diamond Mesh - Single

Sizes		Heights	42mm tubing/ with chain/ x2 eyebolts covered with 64mm x 2mm mesh
1.2m	3.6m	1.2m	
1.8m	4.2m	1.8m	
2.4m	4.8m	2.4m	
3.0m	6.0m		

Diamond Mesh - Double

Sizes		Heights	42mm tubing/ with chain/ x2 eyebolts covered with 64mm x 2mm mesh
3.0m	5.0m	1.2m	
3.6m	6.0m	1.8m	
4.2m	8.0m	2.4m	
4.8m			





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