Heavy Duty Fabric -50mm Pitch x 3.15mm Wire

As defined in AS2423 is manufactured with 3.15mm wire which represents the most rigid & durable fabric for both longer service life and higher security applications

3.15mm GALVANIZED W10Z WIRE
TOP CABLE LOCATION
50mm
BARBED SELVEDGE - TOP

3.15mm GALVANIZED CORE W02Z WIRE
PVC COATED WIRE 3.95mm COATED DIA
TOP CABLE LOCATION
50mm
BARBED SELVEDGE - TOP

LENGTH
HEIGHT
KNUCKLED BARBED FABRIC (KB)

Chain Link Security Fencing

Heavy Duty Fabric - 50mm Pitch × 3.15mm Wire Heavy Galvanized Quality (W10Z)
Heavy Duty Fabric - 50mm Pitch × 3.15mm Wire Zinc/Aluminium Coated Quality (W05Z5A)
Heavy Duty Fabric - 50mm Pitch × 3.15mm Wire Galvanized Core Wire (W02Z) With PVC Coating

CORNER & END POSTS DN50 (60.3 O/D) MEDIUM GRADE
50mm
450mm
300mm
1800mm 2100mm 2400mm
DIAGONAL TWIN 3.15mm TWISTED CABLE WIRE TOGETHER WITH M12 GALVANIZED TURNBUCKLE
Twin 3.15mm Twisted Bracing Cable With 12mm Turnbuckle
750mm
GATE/END/CORNER PANEL
Φ250mm
3330 Max.

CHAIN LINK BARBED SELVEDGE TOP REF DETAIL
SUPPORT CABLES
INTERMEDIATE PANEL
3330 Max.

BARBED WIRE 3-ROWS OF 1.57mm TWISTED WIRES FIXED TO CRIMPED POST AT 150mm SPACING

OPTION CRANKED TOP
OPTION VERTICAL TOP

GATE POST
OVERSIZE HOLE TO BE COMPLETELY BACKFILLED WITH CONCRETE
SLOPE NEATLY TROWELLED
600mm
As Per Table
50mm
ΦAs Per Table

STAKEHOLDERS TO SPECIFY PIPE TABLE REQUIRED CLASS 1 - 2

Gate Post Type & Terminal Post Type	Nominal Pipe Size DN	Outside Diam O/D	Pipe Grade	Minimum Wall Thickness	Concrete Diameter	Footings Depth
Gate Posts & Terminal Posts applicable for all Classes of Fencing Refer AS1725-2010 *Class 1 - Medium Grade (M/G) Pipe is a requirement for all Gate posts & Terminal Posts						
Gate Posts 3.70m to 4.80m Leaf Size	DN100	114.3mm	Medium	4.50mm	400mm	1100mm
Gate Posts 2.50m to 3.60m Leaf Size	DN80	88.9mm	Medium	4.00mm	300mm	1000mm
Gate Posts 1.30m to 2.40m Leaf Size	DN80	88.9mm	Medium	4.00mm	300mm	900mm
Gate Posts 900mm to 1200mm Leaf Size	DN50	60.3mm	Medium	3.60mm	250mm	750mm
End, Corner & Strainer Terminal Posts	DN50	60.3mm	Medium	3.60mm	250mm	750mm
Class 1 Medium Grade Pipe (M) Refer AS1725-2010 *Class 1 - Medium Grade (M/G) Pipe provides for improved durability and service life for long term security fencing purposes						
Intermediate Posts	DN40	48.3mm	Medium	3.2mm	250mm	600mm
Optional Back Stays	DN32	42.4mm	Medium	3.2mm	250mm	600mm
Bracing (Diagonal Stay)	DN32	42.4mm	Medium	3.2mm	250mm	600mm
Pipe Bracing Rail	DN32	42.4mm	Medium	3.2mm	-	-
Pipe Top & or Bottom Rail	DN32	42.4mm	Medium	3.2mm	-	-
Class 2 LIGHT Grade Pipe (L/G) Refer AS1725-2010 *Class 2 - Light Grade (L/G) Pipe for Intermediate posts and or rails is the more commonly used pipe for medium service life for fencing purposes						
Intermediate Posts	DN40	48.3mm	Light	2.9mm	250mm	600mm
Optional Back Stays	DN32	42.4mm	Light	2.6mm	250mm	600mm
Bracing (Diagonal Stay)	DN32	42.4mm	Light	2.6mm	250mm	600mm
Pipe Bracing Rail	DN32	42.4mm	Light	2.6mm	-	-
Pipe Top & or Bottom Rail	DN32	42.4mm	Light	2.6mm	-	-

50mm
450mm
300mm
1800mm 2100mm 2400mm
STRAINER POST DN50 (60.3 O/D × 3.6mm) Medium Grade Pipe
BRACING RAIL DN32 (42.4 O/D)
STRAINER POST DN50 (60.3 O/D × 3.6mm) Medium Grade Pipe
INTERMEDIATE POST DN40 (48.3 O/D)
Twin 3.15mm Twisted Bracing Cable With 12mm Turnbuckle
600mm
INTERMEDIATE PANEL
3330 Max.
750mm
INTERMEDIATE STRAINING PANEL
SHALL BE BRACED IN AT NOT MORE THAN150m INTERVALS ON STRAIGHT LENGTHS
3330 Max.
750mm
Nominal Clearance 15mm to 50mm at Ground Level
INTERMEDIATE PANEL
600mm
3330 Max.

BOTTOM CABLE LOCATION
50mm
3.15mm GALVANIZED W10Z WIRE
KNUCKLED SELVEDGE - BOTTOM

BOTTOM CABLE LOCATION
50mm
3.15mm GALVANIZED CORE W02Z WIRE
PVC COATED WIRE 3.95mm COATED DIA
KNUCKLED SELVEDGE - BOTTOM

Chain-Link Security Fencing complying with AS1725-2010 Part 1 - HEAVY DUTY FABRIC

AUSTRALASIAN FENCE INDUSTRY ASSOCIATION
AUSTRALASIAN WIRE INDUSTRY ASSOCIATION

Unit: millimeter	Original Size: A3
CODE:	
Scale:	Not To Scale
Project:	
Copyright: Australasian Fence Association	

RAIL-LESS CHAIN-LINK SECURITY FENCING WITH HEAVY DUTY FABRIC