FirstFence®
HIRE & SALES

Barbed Wire

Specification Sheet

SPC-BARB-002A



Call our Expert Sales Team for more information.

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Uncompromising Security, High-Tensile Defence!

First Fence's Barbed Wire range delivers an unbeatable combination of cost-effective perimeter protection, functional adaptability, and long-term security—designed to enhance existing fences, deter potential thieves, and safeguard demanding agricultural boundaries.

Supplied in customisable 200-metre high-tensile reels and compatible with our robust metal extension brackets for Round Top or Square Panel fencing, this formidable wire provides an exceptional, risky-to-scale barrier engineered to withstand severe physical pressure, resist trespassing attempts, and protect against predators.

Engineered for professional security and rural specifications, it offers the ultimate peace-of-mind boundary solution for livestock management, land safety, new fencing systems, and high-security razor concertina applications.

Key Features

- 200m Barbed Wire Reels
  (Allows easy length customisation for expansive perimeter jobs)
- Versatile Bracket Compatibility
  (Easily secured to existing or new boundaries with panel extension brackets)
- Cost-Effective Security Upgrade
  (An economical way to add critical height and defence to your perimeter)
- Agricultural & Livestock Protection
  (Safeguard rural land by deterring human trespassers or natural predators)
- Comprehensive Range Options
  (Standard barbed wire (200m) or razor concertina (10m) for a high-security barrier)



Suitable For

- Agricultural Perimeter Defence
- Commercial Anti-Climb Security
- Existing Fence Height Extension
- Rural Trespasser Deterrence
- Maximum Security Upgrades

Recommended Uses by Product Type

Concertina Wire: Maximum commercial security, extreme anti-climb deterrent.
Heavy Duty High Tensile: Maximum agricultural strength, extreme physical pressure from heavy livestock.
High Tensile Barbed Wire: Permanent rural boundaries, wide post spacing, sag-resistant longevity.
Barbican Mild Steel: Easy installation, highly workable, standard temporary or low-pressure boundaries.

Take a look at our full line of Barbed Wire, Concertina Razor Wire, High Tensile Plain Wire and Barbed Wire Extension Brackets!

CLICK HERE

1 DETERMINE THE PRIMARY SECURITY THREAT LEVEL

If you are securing a commercial, industrial, or high-risk compound against determined human intruders, stop here and choose Concertina Wire.

This razor-blade wire is designed for extreme anti-climb security and physical deterrence.

2 ASSESS REQUIRED IMPACT RESISTANCE

If you are containing heavy, aggressive livestock (such as cattle or bulls) or need a fence that can withstand severe physical leaning and impacts without snapping, choose Heavy Duty High Tensile Barbed Wire.

If you are containing standard livestock (like sheep or standard grazing cattle) or need general perimeter security, go to step 3.

3 ASSESS EXISTING POST SPACING & FUTURE NEEDS

If your fence posts are spaced far apart or you want a low-maintenance boundary that will not sag or stretch out of shape over the years, choose High Tensile Barbed Wire. It contains a higher carbon content, meaning it holds tight tension continuously.

If you have standard or closer post spacing and prefer a wire that is highly workable, proceed to step 4.

4 FACTOR IN INSTALLATION CAPABILITIES & BUDGET

If you need a wire that is easy to bend, twist, splice, and install by hand without specialised heavy-duty tensioning tools, choose Barbican Mild Steel Barbed Wire.

While it may stretch and require re-tensioning over time, it is the most user-friendly and traditional option for standard agricultural use.

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Barbican Mild Steel Barbed Wire

Engineered to reinforce both residential and commercial boundaries, Barbican Mild Steel Barbed Wire creates a reliable perimeter defence against intruders, vandals, and roaming wildlife. This versatile fencing solution is specifically suited for farms, large estates, and arable land requiring sustained outdoor security.

Manufactured from premium galvanised mild steel, each roll delivers exceptional strength and integrated corrosion resistance. The galvanised finish ensures resilient, year-round performance across harsh weather conditions and exposed environments.

Equipped with sharp four-point barbs spaced at 10cm intervals, the wire creates a formidable anti-climb barrier. This strategic barb placement maximises physical deterrence against breaching attempts while keeping the wire highly workable for straightforward handling and installation.



High-Quality Galvanised Steel: Provides excellent strength, rust resistance, and long-lasting performance.

Four-Point Barbs: Each barb features four sharp tips for increased deterrence and effectiveness.

Evenly Spaced (Approx. Every 10cm): Ensures consistent security coverage along the entire 200m length.

Supplied on Wooden Spool: Includes wooden carrying handles for easier, safer transport and installation.

Multi-Purpose Use: Ideal for enhancing agricultural, industrial, and domestic fencing systems.

Specification

- Length: 200m
- Wire Thickness: 2.5mm (2.0mm at barbs)
- Barb Size: 12.7mm
- Distance Between Barbs: 127mm (centre to centre)
- Weight: 21kg
- Tensile Strength: 500-600N/mm2
- Material: Galvanised Steel
- Compliant With: BS EN 10233-1 (Manufactured to) BS EN 10244-2 class A (Galvanised to)

Installation Guidance

Supplied in 200m rolls on a handled wooden spool for safe unwinding, Barbican Barbed Wire installs easily with standard tools.

For optimal tension and durability, secure the wire along straight sections using galvanised tensioners or barbed wire arms, and avoid wrapping it around corners.

Works with Barbed Wire Extensions and Agricultural Mesh Fencing.

High Tensile Barbed Wire

Designed to fortify demanding agricultural and commercial perimeters, our High Tensile Barbed Wire delivers uncompromising defence against determined intruders and heavy livestock. This professional-grade solution is ideal for expansive rural boundaries, rotational grazing systems, and sites requiring permanent, high-impact security.

Made from premium galvanised high-tensile steel, each reel offers superior load-bearing capacity and outstanding corrosion resistance. Unlike mild steel alternatives, this high-carbon wire natively resists sagging and stretching, guaranteeing a taut, reliable barrier through severe weather and continuous physical pressure.

Featuring sharp four-point barbs positioned every 10cm, it forms an aggressive anti-climb obstacle. This dense barb arrangement ensures maximum trespasser deterrence and livestock containment, providing a rigid, low-maintenance solution perfectly suited for long, continuous fence runs.



High-Tensile Galvanised Steel: Combines superior strength with rust & corrosion resistance.

Four-Point Barbs: Sharp, evenly-spaced barbs provide a strong deterrent.

Optimised Spacing: Approximately 10cm between barbs for consistent security coverage.

Wooden Spool with Handle: Sturdy wooden reel for easier transport, handling and installation.

Long-Lasting Performance: Designed for extensive use in agricultural & industrial environments.

Specification

- Length: 200m
- Wire Thickness: 2.0mm (1.89mm at barbs)
- Barb Size: 12.7mm
- Distance Between Barbs: 127mm (centre to centre)
- Weight: 8.6kg
- Tensile Strength: 500-600N/mm2
- Material: Galvanised Steel
- Compliant With: BS EN 10233-1 (Manufactured to) BS EN 10244-2 class A (Galvanised to)

Installation Guidance

Supplied in 200m rolls on a handled wooden spool for safe unwinding, this Barbed Wire installs easily with standard tools.

For optimal tension and durability, secure the wire along straight sections using galvanised tensioners or barbed wire arms, and avoid wrapping it around corners.

Works with Barbed Wire Extensions and Agricultural Mesh Fencing.

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Heavy Duty High Tensile Barbed Wire

Built to withstand extreme agricultural demands, our Heavy Duty High Tensile Barbed Wire provides unparalleled impact resistance and perimeter control. It is the definitive choice for containing heavy, aggressive livestock and reinforcing high-risk rural boundaries where standard fencing is insufficient.

Manufactured from heavy-gauge galvanised steel, this robust wire can absorb severe physical pressure without snapping, stretching, or losing its shape. The premium protective coating delivers exceptional, long-lasting defence against rust and corrosion, ensuring structural integrity even in the most brutal weather conditions.

Armed with tightly wound four-point barbs consistently spaced along the line, it creates a formidable, impenetrable barrier. This unyielding construction delivers maximum stopping power against both heavy animal impacts and determined trespassers.



Heavy-Duty Construction: Maximum strength and performance in challenging environments.

Four-Point Barbs: Each barb features four sharp tips for increased deterrence and effectiveness.

Evenly Spaced (Approx. Every 10cm): Ensures consistent security coverage along the entire 200m length.

Supplied on Wooden Spool: Includes wooden carrying handles for easier, safer transport and installation.

High-Tensile Galvanised Steel: Outstanding durability and corrosion resistance.

Specification

- Length: 200m
- Wire Thickness: 1.6mm (1.45mm at barbs)
- Barb Size: 12.7mm
- Distance Between Barbs: 127mm (centre to centre)
- Weight: 14.6kg
- Tensile Strength: 650-750N/mm2
- Material: Galvanised Steel
- Compliant With: BS EN 10233-1 (Manufactured to) BS EN 10244-2 class A (Galvanised to)

Installation Guidance

Supplied in 200m rolls on a handled wooden spool for safe unwinding, Heavy Duty High Tensile Barbed Wire installs with standard tools.

For optimal tension and durability, secure the wire along straight sections using galvanised tensioners or barbed wire arms, and avoid wrapping it around corners.

Works with Barbed Wire Extensions and Agricultural Mesh Fencing.

Concertina Razor Wire

When your property requires maximum security and already has a wall or fence, razor wire provides a highly effective additional deterrent. It creates a strong physical and psychological barrier that significantly increases perimeter protection.

Made from high-tensile steel with a reinforced central core, razor wire features sharp blades spaced along its length. These barbs are designed to grip, puncture, and injure, making it extremely difficult for intruders to climb or break through. It is a modern, more aggressive form of barbed wire built specifically for high-security applications.



High-Tensile Steel Wire: Combines superior strength with rust & corrosion resistance.

Sharp Blades: Barbed elements distributed along the span.

High-Level Security: Designed to deter anyone attempting to break into your premises.

Diverse Applications: For fences and walls, used with Y-shaped support brackets to prevent sagging.

100% recyclable: Can be reused or recycled when not needed in original setting any longer.

Specification - 955mm

- Diameter: 955mm (38”)
- Length: 10m
- Coil Diameter When Stretched: 820mm (32.3”)
- Material: Galvanised Steel

Specification - 730mm

- Diameter: 730mm (28”)
- Length: 10m
- Coil Diameter When Stretched: 620mm (24.4”)
- Material: Galvanised Steel

Specification - 450mm

- Diameter: 450mm (18”)
- Length: 10m
- Coil Diameter When Stretched: 400mm (15.7”)
- Material: Galvanised Steel



Razor Wire is used around high voltage pylons, utility compounds, prisons, high-security hospitals, land borders and military camps

Safety Guidance

Installing razor wire requires heavy-duty personal protective equipment designed specifically to resist punctures and cuts.

Never attempt installation with bare hands.