

Technical Information

Fencing - Razor Barb

Razor Barb

The product consists of steel strip die stamped to create razor sharp barbs at regular intervals, and formed around a core of high tensile wire.

The angle of the barbs produces a formidable barrier designed to prevent secure handholds at any point along its length.

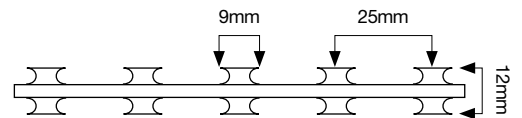
Available in coiled concertina rolls for easy deployment or as a single strand product for simple barrier applications, Razor Barb presents a fast and effective option for security upgrades.

Manufactured to the highest quality standards and in compliance with government specifications, Razor Barb is available galvanised or in stainless steel, with a range of coil diameters and barb sizes.

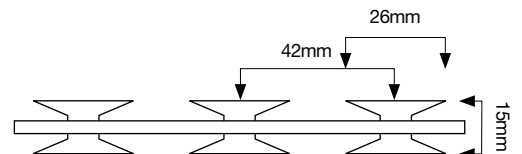
Also available is Razor Tape manufactured in short or medium barb profiles, without the reinforced central core wire. Razor Tape is supplied on plastic spools with an extended length of 50 metres.

There is a choice of barb profiles to meet different application requirements, from ground level operations through to elevated fence top usage.

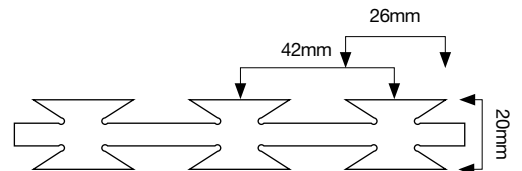
Razor Barb Short Profile



Razor Barb Medium Profile



Razor Tape Medium Profile



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Applications

Improved security with Razor Barb

Razor Barb can be deployed as an additional barrier in a wide range of different scenarios:-

- As a secondary line of defence along perimeter systems to prevent unauthorised access
- Around commercial and industrial premises to assist in the prevention of commercial terrorism and vandalism
- To assist in containing prisoners in secure units
- As an addition to high security fencing, protecting military and highly sensitive property against theft, intrusion, terrorism and vandalism
- As a secondary line of defence behind existing barriers
- Along roof edges to prevent unauthorised high level access
- Above existing barriers(fencing, walls etc) to upgrade security as an added deterrent against theft and vandalism

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Quality Standards

Siddall & Hilton's Razor Barb is manufactured in accordance with the following standards. It is also approved by The Home Office.

Galvanised

Core Wire	Galvanised 2.48mm to BS EN 10244-2:2001 Class A
Tensile Strength	1350-1500 N/mm ²
Zinc Coating	230 grams/m ² minimum

Tape	Galvanised 0.42mm thick slit coil to BS EN 10142:1991
Tensile Strength	270-500 N/mm ²
Zinc Coating	280 grams/m ² minimum (total for both sides)

Stainless Steel

Core Wire	Hard Drawn 2.50mm Austenitic 304/S15 to BS1554:1990
Tensile Strength	1500-1600 N/mm ²

Tape	0.40mm thick slit coil Austenitic 304/2B to BS1449:1983
Tensile Strength	500-800 N/mm ²

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Technical Specification

Product	Diameter	No of Clips per Circumference	Coil Advised Length	Loops per Coil	Approximate Weight per Coil	Material
Razor Barb Concertina (RBC)						
Short Barb						
RBC4S	455mm (18")	3	8-10m	56	7kg	Galvanised or Stainless
RBC7S	710mm (28")	5	10-12.5m	56	11kg	
RBC9S	965mm (38")	5	10-12.5m	56	14kg	
Medium Barb						
RBC4M	455mm (18")	3	8-10m	56	7kg	Galvanised or Stainless
RBC7M	710mm (28")	5	10-12.5m	56	11kg	
RBC9M	965mm (38")	5	10-12.5m	56	14kg	
Razor Barb Coil Unclipped (RBU)						
Short Barb						
RBU20S	-	-	200m	-	16kg	Galvanised or Stainless
Medium Barb						
RBU20M	-	-	200m	-	16kg	
Razor Tape (not Reinforced) on Spool (RTS)						
Short Barb						
RTS5S	-	-	50m	-	3kg	Galvanised or Stainless
Medium Barb						
RTS5M	-	-	50m	-	3kg	

Razor Barb is supplied either boxed or unboxed.
'DANGER' signs are available on request.

Full specification sheets available on request.

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Pallet Quantities

Standard Full Pallet Quantities for Razor Barb

Specification	Boxed	Unboxed
RBC4	48	120
RBC7	25	60
RBC9	20	60
RBU20	20	60
RTS5	-	100

All materials should be handled using protective gloves.

How to order

Please specify:

1. Number of Coils
2. Type/Specification
3. Medium or Short Barb Profile
4. Finish: Galvanised or Stainless
5. Unboxed/Boxed

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Warning

We are advised that normal and proper use of this product does not amount to a criminal offence.

So far as civil liability is concerned, customers are entitled to take reasonable precautions to protect their property, provided they do not set out to use a hidden trap for such purposes.

We therefore advise our customers to adopt the following procedure when using the products:-

1. ENSURE THAT THE RAZOR BARB IS LOCATED IN A PROMINENT POSITION SO THAT IT CAN BE SEEN BY ANY PERSON APPROACHING, E.G. ON TOP OF AN EXISTING FENCE, WALL OR ROOF, OR INSIDE AN OUTER FENCE.
2. DISPLAY A WARNING SIGN CONTAINING THE FOLLOWING WORDING:
'RAZOR BARB – DANGER' (supplied in the box/available on request).
3. ENSURE THAT WARNING SIGNS ARE VISIBLE AT NIGHT.

By adopting the above approach, customers should avoid all possibility of legal action in the event of personal injury.

However, it is the responsibility of the customer to ensure that the use to which the product is put does not infringe the criminal or civil law, and Siddall & Hilton Products Ltd cannot accept liability in the event of such infringement.