

Allegheny Fence Construction Co., Inc.

Razor Wire



Commercial Hela-Coil

Barrier

Super Barrier

Rapid Barrier

Product Guide								
Product	Diameter (in/mm)		Tape/Barb Material	Core Wire	Loops per Roll	Clips per Loop	Weight per Roll	Length per Roll*
Commercial Hela-Coil Non-clipped, helical style for standard industrial security.	18"	450	Galv Stainless Stainless	Galv Galv Stainless	33	0	11	50' @ 18" spacing (max yield)
	24"	600	Galv Stainless Stainless	Galv Galv Stainless			16	33' @ 12" spacing (recommended)
	30"	750	Stainless	SS or GA			21	25' @ 9" spacing
	36"	900	Stainless	SS or GA			25	(max security)
Barrier Concertina 3-clip Concertina Style for Industrial, Correctional & Homeland Security.	18"	450	Stainless Stainless	Galv Stainless	31 (also 51 & 81)	3	11	15' @ 12" spacing
	24"	600	Stainless Stainless	Galv Stainless			16	20' @ 16" spacing
	30"	750	Stainless Stainless	Galv Stainless			21	
	36"	900	Stainless Stainless	Galv Stainless			25	
Super Barrier 5-clip (plus) Concertina Style for Medium & Maximum Correctional, Military & Homeland Security.	30"	750	Stainless Stainless	Galv Stainless	51 (also 81 & 101)	5	25' @ 12" spacing	
	36"	900	Stainless Stainless	Galv Stainless		37		
	40"	1000	Stainless Stainless	Galv Stainless		5 or 7		44
	60"	1500	Stainless Stainless	Galv Stainless		9		65
Double Barrier Double Roll protection for Medium & Maximum Security.	18/24"	450/600	Stainless Stainless	Galv Stainless	31	3	27	15' @ 12" spacing
	24/30"	600/750	Stainless Stainless	Galv Stainless			35	20' @ 16" spacing
	30/36"	750/900	Stainless Stainless	Galv Stainless			46	20' @ 16" spacing
Rapid Barrier Rapid deployment welded Concertina.	30"	900	301 Stainless	None	101	5-weld	53	50' @ 12" spacing

* Installed length (or yield) per roll is determined by how far apart the loops of razor wire are spaced. Tighter spacing will require more rolls and provide higher security. Be sure to consider loop spacing when calculating the number of rolls are required for your project.

Standard Specification: The diameter of the barbed tape obstacle in packaged condition shall be [18", 24", 24"/30" (double coil), 30", 36", 40", or 60"] +/- 2". The tape shall be fabricated from 0.025" [AISI 430 series stainless steel with a minimum Rockwell hardness of (30N) 39, or galvanized high tensile steel]. Each loop shall contain barb clusters spaced 4" on center, and each barb cluster shall have 4 needle-sharp barbs with an average barb length of 1.2" as measured from the center of the cluster. Barbs shall be alternately offset from the tape centerline from 0.15" to 0.45". The tape shall be permanently cold clenched a minimum of 2300 around a 0.098" diameter [AISI 304 spring quality austenitic stainless steel core wire, or Class 3 high-tensile galvanized core wire] having a minimum tensile strength of [180,000 or 220,000] psi. The finished reinforced barbed tape shall have two continuous cut-resistant strengthening flanges which shall be continuous and straight to each barb root to permit maximum barb penetration. Each roll will consist of [0, 31, 33, 51, 81, or 101] loops with adjacent loops clipped at [0, 3, 5, 7, or 9] equally spaced locations around the circumference to provide the concertina effect. These clips shall be fabricated from 0.063" x 0.375" stainless steel and shall be capable of withstanding a minimum pull load of 200 lbs. Each roll of barbed tape shall cover [10, 15, 20, 25, or 50] linear feet when properly installed.

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