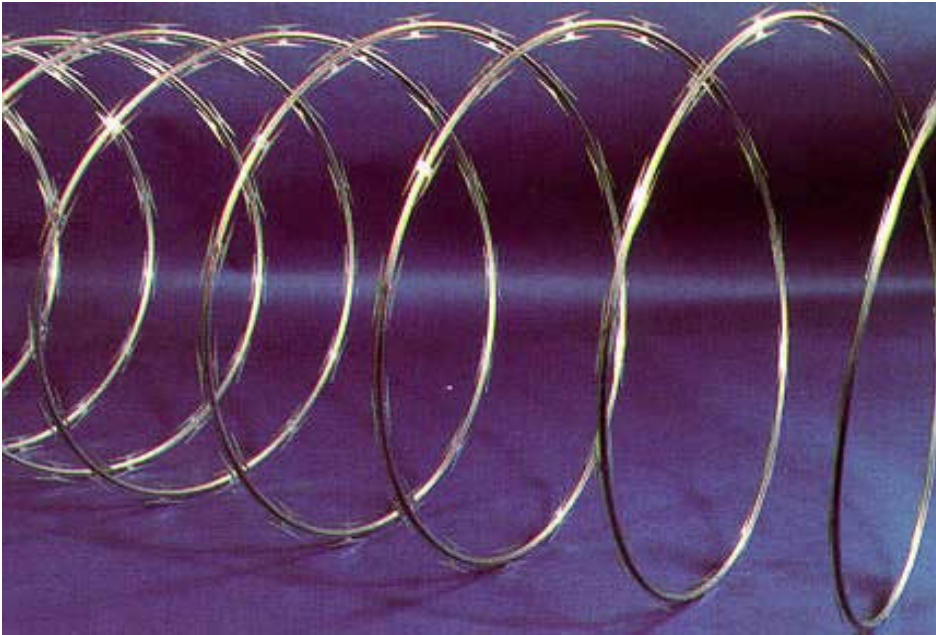


Anchor Fence Wholesalers

RAZOR RIBBON® HELICAL



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1. GENERAL

- 1.01. This section covers the furnishing and installation of barbed tape.
- 1.02. Applicable Documents:
 - ASTM A-176: Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip.
 - ASTM A-580: Specification for Stainless and Heat-Resisting Steel Wire.
 - ASTM A-764: Specification for Steel Wire, Carbon, Drawn, Galvanized and Galvanized at Size for Mechanical Springs.

2. PRODUCTS

- 2.01. Acceptable manufacturer is Allied Tube & Conduit, (708)339-1610, Razor Ribbon Helical.
- 2.02. Barbed tape shall be a single helical coil [18", 24", 30"] plus or minus 1" in diameter, consisting of 33 loops of reinforced barbed tape. Each loop shall contain [13, 19, 23] plus or minus 1 barb clusters per loop.
- 2.03. Barbed tape shall be fabricated from Type 430 stainless steel conforming to ASTM A-176. Stainless steel shall be 10 wide before fabrication by .025 thick, and shall be hardened to Rockwell (30N) 35-40. The stainless steel strip shall have clusters of four (4) barbs, each a minimum of 1.2" long, punched at four inch centers.
- 2.04. Fabricated (punched) barbed tape shall be reinforced by permanently cold clenching it around a reinforcing wire. Reinforcing wire shall be 301 austenitic stainless steel conforming to ASTM A-580 with a minimum tensile strength of 130,000 psi. (Core wire also available galvanized per ASTM A 764, Finish 2, Class II, Type 3, with a minimum tensile strength of 220,000 psi.) The stainless steel barbed tape shall be firmly roll formed around the reinforcing wire with minimum wrap of 230 degrees. The finished reinforced barbed tape shall be a minimum of 0.325" wide in the throat area and shall exhibit two cut-resistant flanges. These flanges shall taper off in the immediate vicinity of the barb clusters to allow maximum barb penetration.

3. EXECUTION

- 3.01. Single coil barbed tape shall be securely attached to the chain link fence using 18 gauge galvanized or stainless steel ties. Attachments shall be approximately 18" on center along both the top of the chain link fabric and the top single strand of barbed wire, or as otherwise indicated by job conditions.
- 3.02. Each coil of single coil barbed tape shall be extended a maximum of 50 ± 1 feet.
- 3.03. Adjacent coils shall be permanently spliced together by overlapping two barb clusters from each adjacent coil, and splicing with two new tie wires placed around the shanks of the two coils between the barb clusters.