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MAZE® DOUBLE COIL BARBED TAPE OBSTACLE

Barbed Tape Obstacle shall be constructed of a 24" \pm 2' (packaged) diameter coil within a 30" \pm 2" (packaged) diameter coil. Each inner coil (24") loop shall contain 19 \pm 1 barb clusters. Each outer coil (30") shall contain 24 \pm 1 barb clusters. Each barb cluster shall have 4 needle-sharp barbs with an average barb length of 1.2". Each unit shall contain 31 outer coil loops and 31 inner coil loops. Inner and outer coils shall have coil loops clipped together at three (3) points about the circumference to produce the concertina effect. Stainless steel clips shall be .375" by .065" and mechanically closed to withstand a minimum pull load of 200 pounds. Each complete unit shall cover 20 LF at an inner and outer attachment spacing of 16" \pm 2".

The barbed tape shall be fabricated from Type 430 stainless steel conforming to ASTM A-176 with a minimum hardness of Rockwell (30N) 35-40. The stainless steel strip shall be 1" wide before fabrication by .025" thick and shall have clusters of four (4) barbs, each a minimum of 1.2" long, punched at 4" centers.

Fabricated barbed tape shall be permanently cold-clenched around a .098" diameter galvanized steel reinforcing wire per ASTM A-764, Finish 2, Class II, Type 3, with a minimum tensile strength of 220,000 psi. (Core wire also available in 301 austenitic stainless steel conforming to ASTM A-580 with a minimum tensile strength of 130,000 psi.) The finished reinforced tape shall be a minimum of .3250 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.

The two coils will be attached at each end by two 7 x 7 strand 3/64" stainless steel wire ropes. The wire ropes shall be crimped with aluminum compression sleeves.