

VENDOR : CALDWELL FENCE ERECTION CO INC

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PAGE

3

## SPECIFICATIONS FOR 30" BARBED TAPE (REINFORCED CONCERTINA)

BARBED TAPE SHALL BE 30" (+/- 2") DIAMETER CONCERTINA STYLE COIL CONSISTING OF 51 LOOPS. EACH LOOP SHALL CONTAIN 23 (+/- 2) BARB CLUSTERS PER LOOP. ADJACENT COIL LOOPS SHALL BE ALTERNATELY CLIPPED TOGETHER AT 5 POINTS ABOUT THE CIRCUMFERENCE TO PRODUCE THE CONCERTINA EFFECT UPON DEPLOYMENT. SPACING BETWEEN ATTACHMENT POINTS WHEN DEPLOYED SHALL BE 12" (+/- 2").

BARBED TAPE SHALL BE FABRICATED FROM TYPE 430 SERIES STAINLESS STEEL CONFORMING TO ASTM A 176. STAINLESS STEEL SHALL BE 1" 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 4" CENTERS. BARBS SHALL BE ALTERNATELY OFFSET FROM THE TAPE CENTERLINE .15" - .45".

FABRICATED (PUNCHED) BARBED TAPE SHALL BE REINFORCED BY PERMANENTLY COLD CLENCHING IT AROUND A REINFORCING WIRE. REINFORCING WIRE SHALL BE .098" DIAMETER 300 SERIES AUSTENITIC STAINLESS STEEL WIRE IN ACCORDANCE WITH ASTM A-580, WITH A MINIMUM TENSILE STRENGTH OF 130,000 PSI. THE STAINLESS STEEL BARBED TAPE SHALL BE PERMANENTLY ROLL FORMED ABOUT THE CORE WIRE WITH A 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.

REINFORCED BARBED TAPE SHALL BE CONVERTED TO CONCERTINA BY CLIPPING ALTERNATE ADJACENT LOOPS AT 5 PLACES ABOUT THE CIRCUMFERENCE, CONTINUOUS ALONG THE ENTIRE ROLL'S LENGTH. STAINLESS STEEL CLIPS SHALL BE .375" BY .065" AND MECHANICALLY CLOSED TO WITHSTAND A MINIMUM PULL LOAD OF 200 POUNDS.

BARBED TAPE SHALL BE PROVIDED WITH AN ADQUATE AMOUNT OF 18 GAUGE STAINLESS STEEL TIES TO SECURELY ATTACH THE CONCERTINA BARBED TAPE TO THE CHAIN LINK FENCE. ASSUMING ATTACHMENTS SHALL BE APPROXIMATELY 12" ON CENTER ALONG THE TOP OF THE CHAIN LINK FABRIC AND THE TOP SINGLE STRAND OF BARBED WIRE. TIE WIRES ARE TO BE INCLUDED FOR SPLICING ADJACENT COILS TOGETHER.

## LENGTH PER ROLL/ATTACHMENT SPACING:

EACH ROLL OF BARBED TAPE SHALL YEILD A COVERAGE OF 25' (LINEAR FEET) SPACED AT 12" WHEN PROPERLY INSTALLED.

## ACCEPTABLE BRANDS &amp; MODELS:

ALLIED TUBE & CONDUIT SUPERMAZE II  
WHEATLAND RAZOR TAPE SUPER BARRIER  
OR EQUAL