

## COMMERCIAL ITEM DESCRIPTION

## BARBED TAPE, CONCERTINA (WIRE REINFORCED LONG BARB)

The General Services Administration has authorized the use of this Commercial Item Description for all Federal Agencies.

1. **SCOPE.** This Commercial Item Description (CID) covers concertina barb tape for barb tape entanglements. These entanglements may serve as a security barrier for low security confinement and detention applications, low level utility companies, and airport perimeters, etc.

2. **SALIENT CHARACTERISTICS.**

2.1 **Material.** The concertina barbed tape shall be made of material as specified below and shall be subject to all provisions of this CID:

- a. Barbed tape – Stainless steel per ASTM A240/A240M, Type 430 or galvanized steel per ASTM A653/A653M.
- b. Core wire – Stainless steel per ASTM A580/A580M, 300 Series, minimum tensile strength 140,000 psi or galvanized steel per ASTM A764, Finish 2, Class II, Type B minimum tensile strength 220,000 psi.

2.2 **Design and construction.** Concertina barbed tape furnished under this CID shall conform to the dimensions and design characteristics as specified herein, in Figure 1 and in Table I. Single coil wire reinforced concertinas 18, 24 and 30 inch in diameter are to be fabricated from 0.025 inch thick AISI 430 stainless steel (SS) or ASTM A653/A653M galvanized steel (GA). Each roll shall consist of 31 or 51 coil loops with pairs of loops alternately clipped together at 3 or 5 locations around the circumference dependent upon diameter. Concertina clip attachments shall be capable of withstanding a minimum pull load of 200 lbs. Clusters of 4 needle sharp barbs shall be located 4 inch on center along the spiral turns. The barb length shall be 2.250 to 2.600 inch tip to tip. Concertina rolls are to be available in combinations of SS or GA tape and core wire. Barbed tape is to be wrapped 230 degrees around 0.098 inch diameter SS or GA core wire. Tape material (barb) shall be fabricated from SS or GA and is 1 inch wide prior to forming.

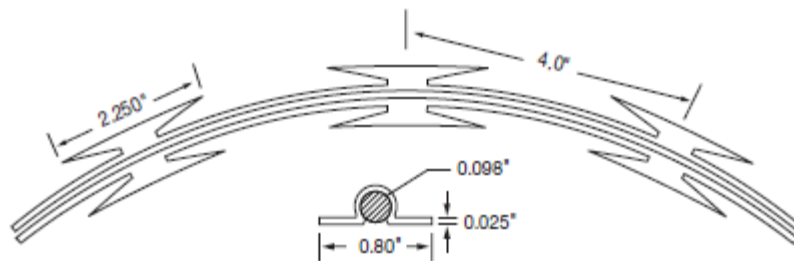


FIGURE 1. BARBED TAPE.

Comments, suggestions, or questions on this document should be addressed to Defense Supply Center Philadelphia, ATTN: DSCP-NASA, 700 Robbins Avenue, Philadelphia, PA 19111-5096 or e-mail to [dscpg&ispeccomments@dla.mil](mailto:dscpg&ispeccomments@dla.mil). Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

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TABLE I. Dash Numbers and Design Characteristics.

Dash No.	Description	Dia. inch	Coil Loops	Strip Material	Core Wire	Clips	Coil Spacing inch	Yield feet	Pkg.	ASTM F 1910 Item #
1	Single Coil Concertina	18	31	SS	GA	3	12	15	4/box	#8
2	Single Coil Concertina	18	31	GA	GA	3	12	15	4/box	#8
3	Single Coil Concertina	18	31	SS	SS	3	12	15	4/box	#9
4	Single Coil Concertina	24	31	SS	GA	3	16	20	5/box	#10
5	Single Coil Concertina	24	31	GA	GA	3	16	20	5/box	#10
6	Single Coil Concertina	24	31	SS	SS	3	16	20	5/box	#11
7	Single Coil Concertina	30	51	SS	SS	5	12	25	3/box	#15
8	Single Coil Concertina	30	51	SS	GA	5	12	25	3/box	#15

### 3. REGULATORY REQUIREMENTS.

3.1 The offerer/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

### 4. PRODUCT CONFORMANCE PROVISIONS.

4.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and the quality assurance practices, and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

### 5. PACKAGING.

5.1 Preservation, packing and marking shall be as specified in the contract or order.

### 6. NOTES.

6.1 Unless otherwise specified, all dimensions are in inches.

6.2 Unless otherwise specified in the contract or purchase order, packaging shall be in accordance with ASTM D3951.

6.3 The following part or identification numbering procedure is for government purposes and does not constitute a requirement for the contractors. The part number identification number (PIN) shall consist of the basic commercial item description number followed by a dash number from Table I.

Example: AA59924 - 6

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6.4 Source of documents.

6.4.1 FAR. The FAR may be obtained from the Regulatory Secretariat, 1800 F Street NW, Washington DC 20405 or online at <http://www.acqnet.gov>.

6.4.2 ASTM Standards. Copies of ASTM standards may be obtained from the ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 or online at <http://www.astm.org>.

6.5 Ordering data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

6.6 Key words.

Coil loops  
Entanglements  
Security Barrier

## MILITARY ACTIVITIES:

## Custodians:

Army – AT  
Navy – YD  
Air Force – 99

## CIVIL AGENCY COORDINATING ACTIVITY:

GSA – FAS

## Preparing activity:

DLA – IS

(Project 5660-2013-002)

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