

Concertina Coil

Punched tape concertina (razor wire)



Galvanized steel tape punched into razor barbs and clinched on a high tensile spring steel core, formed into a coil that springs back when forced. For wall tops in Y-angle posts, fence lines and open-ground obstacles. Every diameter and blade type made to order.

Construction

Spring core	2.5 mm high tensile galvanized wire (tender item: 165 kg/mm ²)
Razor tape	galvanized steel, 0.5–0.52 mm (BTO) or 0.6 mm (CBT)
Blades	BTO-10 (10–12 mm) · BTO-22 (22 mm) · BTO-30 (30 mm) · CBT-60 (60 mm) · CBT-65 (65 mm)
Types	single coil · cross type · flat wrap · double coil · straight razor tape
Standard 600 mm tender item	50 turns per 6 m · 10 m openable · 0.52 mm tape at 43.478 g/m · Y-angles 2.4/3.0 m · 9 horizontal lines

Sizes and weight

Coil diameter	Steel per turn (kg)	33 turns (kg)	50 turns (kg)
450 mm	0.116	3.8	5.8
500 mm	0.129	4.3	6.4
600 mm	0.155	5.1	7.7
730 mm	0.188	6.2	9.4
900 mm	0.232	7.7	11.6
980 mm	0.252	8.3	12.6
1050 mm	0.271	8.9	13.5

- Steel per turn = $\pi \times \text{diameter} \times (43.478 \text{ g/m tape} + 38.5 \text{ g/m 2.5 mm core})$. Published coils: 610 mm, 40–45 turns, 7.25–7.50 kg (tender pre-bid answer); 610 mm, 50 turns, 129 clips, 9.0 kg (CQA Pune spec).
- Concertina weight calculator: agarwalgabions.com/concertina-coil-specification

Typical uses

Boundary wall tops (Y-angle) · fence lines · substations, depots, factories, campuses · railway and defence perimeters · open-ground obstacles

Standard: no IS for concertina – made to the tender item or purchaser's specification · **Quality:** ISO 9001:2015, Cert. No. 305024011282Q

HSN: 7313 00 20 · **GST:** 18%



Agarwal Gabion Industries · agarwalgabions.com/concertina-coil

Call / WhatsApp +91 89440-32355 · +91 98300-72355 · agarwalgabions@gmail.com

Works: Jangalpur, Howrah 711411 · Ethelbari, Birpara 735204, West Bengal. Made to your drawing or tender clause; weights are steel in tape and core, before clips; made to your tender item or sample.