

TSE 8745
ISO 9001 – 2008



- Wire barriers with razor are preferred in locations which require high security and has strategic value since their efficiency is proven.
- ALFA MAKİNA has the pride of the highest production capacity in Wire with razor production. It makes uninterrupted production for 24 hours in PLC automated controlled machines which are equipped with latest technology.

USAGE AREAS FOR AJT WIRE BARRIERS WITH RAZOR(RAZOR STRIP WIRE ROLLER)

- In addition that sharp razors provide physical protection, they also have great deterrence property
- It is used in villa garden, around site, residence and apartments for both protection and deterrence.
- It is used for determining borders and protection of farms and lands.
- It is used in military zones and air ports for security
- It is used in warehouses and around factories for security
- It is used around school gardens and around factories for security
- It can be used in all area and road blocking for controlling
- It can be used in roads, and security and public order works within city for security
- It provides significant saving in personnel need for security of military troops, institutions and organizations since it does not need any man power or other equipment.
- It is used for permanent peripheral security of plants and buildings
- It is used in special places such as zoos for maintaining protection, deterrence and security. It constitutes barrier not only for human but also rubber wheel, tracked, pallet vehicles provided that it is used with required frequency and prevents their progress
- It is suitable with harsh land and climate conditions, has long service lifetime and it can be used many times.
- It maintains top level security fir present buildings, troops by laying over, behind the present peripheral fences or by directly laying over ground and then fixing in open field.
- ALFA wire with razor which has the first place in security and deterrence can be applied in all structures and borders with their exclusive winding type as stand alone or over panel fence systems and all kind of fence systems if desired.
- ALFA wires with razor are manufactured as straight line, planar or spiral. Our products are hot dip galvanized, wire cored and manufactured from AISI 304 stainless steels strip.
- Manufacturing is carried out accordingly with TSE 8745 standard.



TECHNICAL PROPERTIES FOR AJT WIRE BARRIERS WITH RAZOR (RAZOR STRIP WIRE ROLLER)

● Properties of razor band

- a) 0,50 mm stainless steel
- b) 0,50 mm galvanized steel sheet
- c) 304 grade stainless wires with razor
- Can be manufactured from raw material having
Nickel ratio (8,5%-10,5%) Chromium Ratio (17%-19%)

● Properties of galvanized steel wire core

- a) Quality : D70 2E according to DIN 1740
- b) diameter : 2,5 mm
- c) tensile strength : 160 kg /mm² (min)
- d) thickness of galvanize : () 200 gr/m² (min)

TECHNICAL PROPERTIES OF BARRIERS HAVING SPIRAL MANUFACTURING FORM

DIAMTER	mm	300	±10mm	450	±10mm	600	±10mm	700	±10mm	750	±10mm	800	±10mm	960	±10mm	11,25	±10mm
NUMBER OF ROLLER WINDING	adet	56	~120°de klipsli	56	~120°de klipsli	56	~72°de klipsli	56	~72°de klipsli	56	~72°de klipsli	56	~72°de klipsli	56	~72°de klipsli	56	~72°de klipsli
OPENING DISTANCE	m	5		6,5-7,5		7-8		8-9		9-10		10-11		13-15		15-17	
WEIGHT OF ROLLER	kg	5	±0,3kg	7	±0,3kg	9.3	±0,4kg	10,5	±0,4kg	11,4	±0,5kg	12,5	±0,5kg	14,7	±0,8kg	16,8	±0,8kg