

Seven wire strand for barrier cables



Providing durable strength for parking structures

Benefits

1 USA made and melted

2 Beneficial cost to weight ratio

3 Durable strength and safety

Concrete barrier walls are more and more being replaced with high strength cables. The main reason is safety; cables are better able to absorb impact force during a collision, reducing damage to people and vehicles. They also allow for more attractive, open-plan parking structures with better air circulation and more natural light. Finally, cables are the most economical barrier solution as they feature a high strength to weight ratio.



Designed for strength and durability

The success of a barrier cable installation mainly depends on its ability to maintain their strength a corrosive environment. Open-plan parking structures are constantly being exposed to humidity, pollution, sand or dust winds, acid rain and other corrosive elements that can drastically reduce the life of your barrier cable.

To meet the corrosion requirements of the design engineer or architect in any given structure's environment, we offer two different coating solutions for our barrier strands:

- Galvanized, with coating levels up to 0.9 oz/ft² as per ASTM A475
- Bezinal® coated as per ASTM A855

To date, Bekaert is the only manufacturer of galvanized seven-wire strands that meets the ASTM A416 standard specification as well as the Buy America provisions.

Why choose Bekaert?

The coating specialist

We can provide you with the most efficient and cost-effective corrosion prevention methods. In addition to various steel grades, diameters and shapes, we also have a wide range of corrosion resistant coatings.

Advanced testing facilities

Our R&D facilities are able to apply a wide variety of tests to investigate the quality, corrosion resistance and service life of our products in different applications and environments. In addition to the standard tests, our labs can also develop specific tests on request and perform outdoor exposure testing.

Our experience for your success

Because of the wide variety of industries we work in, we can incorporate the skills we have developed across our platforms to discover new products or solutions for you. Strength through synergy, that's what we can offer you.

Increase the service-life of your barrier system with Bezinal® zinc aluminum coating

Bezinal® is Bekaert's industry leading 95% zinc and 5% aluminum alloy coating with unsurpassed corrosion resistance. Designed as a superior alternative to traditional zinc coated wire, Bezinal® offers remarkable corrosion resistant properties by combining the barrier protection of aluminum together with the sacrificial protection of zinc.

- Lasts twice as long as regular galvanized barrier strands
- Prevents corrosion at cut ends
- Requires no post-coating

Barrier strands coated with Bezinal® conform to ASTM A855 standards, and meet or exceed PTI specifications for seven wire pre-stressed steel strand for barrier cable systems.

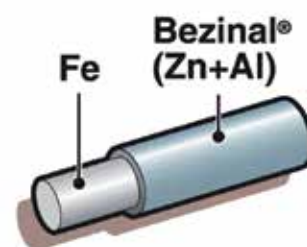
Product range

Commercial grade strands are available in 3/8" and 1/2" diameters. Special grade strands may be available upon request.

Product name (in.)	3/8 GPC	1/2 GPC	1/2 PC
Grade (per A416 or PTI)	250	250	270
Nominal area (sq. in.)	0.0850	0.1530	0.1530
Breaking load strength (lbs.)	20,000	38,200	41,300
Ultimate elongation (%)	3.5	3.5	3.5
Elastic modulus (ksi)	26,500	26,500	28,400
Nominal weight (lbs. /1,000')	309	544	520
Coating weight (oz. /sq. ft.)	0.85	0.90	uncoated

Packaging and shipping

Barrier cable is offered in varying packaging options. Based on your needs Bekaert offers reel-less packs or NR (non-returnable) wooden reels. Dimensions available upon request.



ISO
9001:2008
certified

Contact us

More
Information?

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