

## Products

### Pre-stressed Concrete Wire (PCW)

- Pre-stressed beams
- High-pressure hydraulic concrete pipelines
- Concrete or high-pressure pipe
- Structural elements for bridges and buildings
- Concrete ties for railroad tracks
- Poles for farming applications

- Subjected to heat treatment to relieve residual stress and provide the best mechanical characteristics of ductility, as well as strength.
- Each coil is tested 100% in our certified laboratories.

#### TYPES:

- Smooth
- Indented
- Tridented

#### CLASSES:

- Regular
- Low-relaxation

#### STANDARDS:

- ASTM A-421
- NMX B-293

#### PACKAGING:

- Sizes 9 & 10 mm: 8 feet (2.44 m) coils of 1,323-2,200 lbs (600-1,000 kg)
- All others: 6 feet (1.83 m) coils of 1,323-2,200 lbs (600-1,000 kg)

#### DIAMETERS:

- Wire sizes: 0.118-0.393" (3-10 mm)

Diameter		Minimum Breaking Load	Elastic Limit	% Elongation	Area	Linear Weight	Linear Yield
<b>ASTM A-421, ASTM A-881</b>							
mm	in	kg/mm <sup>2</sup>	kg/mm <sup>2</sup>	min	mm <sup>2</sup>	gr/m	m/ton
3	0.118	175	148	4	7.07	55.48	18,024
4	0.157	480	153	4	12.57	98.70	10,132
5	0.197	178	148	4	19.63	154.10	6,489
6	.0236	170	144	4	28.27	221.90	4,506
7	0.276	165	140	4	38.48	302.10	3,310
9.4	0.370	160	140	4	69.40	544.80	1,835
10	0.393	160	140	4	78.54	616.50	1,622

Diameter		Internal Diameter		Coil Weight	
mm	in	ft	mt	min (kg)	max (kg)
3	0.118	6	1.83	600	1800

4	0.157	6	1.83	600	1800
5	0.197	6	1.83	600	1800
6	0.236	6	1.83	600	1800
7	0.276	6	1.83	600	1800
9.4	0.370	6	2.44	600	1800
10	0.393	6	2.44	600	1800

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