Products

Tire Bead Wire

- Regular and radial tires for cars, bikes and trucks
- Air supports
- High-pressure hose
- Flexible duct

- High tensile strength as well as high ductility (elongation)
- Special packaging to protect against corrosion and aimed at increasing shelf life
- Greater adhesion: resin-coating prevents rust
- Straightness: wire maintains straightness after uncoiling and contains no residual torsion stress
- Manufactured and packaged to your specifications in an ISO 9001:2008 facility

GRADES:

- High Tensile Strength
- Regular Tensile Strength

STANDARDS:

- ASTM-D-1871
- Customer requirements

PACKAGING:

- Steel reels: 992 lbs (450 kg)
- Reeless cores: 992 lbs (450 kg)

Regular or High Tensile Strength	
in	mm
0.035	0.89
0.038	.096
0.051	1.30
0.061	1.55
0.063	1.59
0.072	1.83

Tire Bead Wire Specifications								
Specification	Units	High Tensile	Regular Tensile	High Tensile	Regular Tensile	High Tensile	Regular Tensile	High Tensile
Diameter	mm in	0.965 0.038	0.965 0.038	1.295 0.051	1.295 0.051	1.6 0.0625	1.83 0.072	1.83 0.072
Breaking Strength	N	1,540 Min.	1,270 Min.	2,800 Min.	2,403 Min.	4,180 Min.	4,750 Min.	5,540 Min.
Total Elongation	%	5.3 Min.	5.0 Min.	5.0 Min.	5.0 Min.	6.0 Min.	6.0 Min.	6.0 Min.
Coating	g/kg	0.30 - 0.64	0.30 - 0.64	0.19 - 0.49	0.20 - 0.50	0.16 - 0.40	0.15 - 0.35	0.15 - 0.45
Copper	%	97.0 - 99.0	97.0 - 99.0	97.0 - 99.0	97.0 - 99.0	97.0 - 99.0	97.0 - 99.0	97.0 - 99.0
Tin	%	1.0 - 3.0	1.0 - 3.0	1.0 - 3.0	1.0 - 3.0	1.0 - 3.0	1.0 - 3.0	1.0 - 3.0
Weight	Kg lb	430 - 480 948-1,058	430 - 480 948-1,058	430 - 480 948-1,058	430 - 480 948-1,058	430 - 480 948-1,058	430 - 480 948-1,058	430 - 480 948-1,058