

**PRODUCT DATA SHEET**  
**ASTM A820 Type I**  
Steel Fibers for Fiber-Reinforced Concrete

Fiber Type:	Helix
Material:	Cold drawn steel wire, zinc galvanized
Configuration:	Twisted with rectangular cross sectional shape
Length:	25 mm (1")
Diameter:	0.5 mm (0.020")
Aspect Ratio:	50
Tensile Strength:	Minimum of 1500 MPa (220 ksi)
Modulus of Elasticity:	29,000,000
Specific Gravity:	7.9 g/cc
Melting point:	1510 °C (2760 °F)
Bending:	Helix meets the requirements of ASTM A820, Section 7.2
Surface Condition:	Helix meets the requirements of ASTM A820, Section 9
Specification:	Helix shall conform to the Standard Specification for Steel Fibers for Fiber-Reinforced Concrete under ATSM A820-01.
Manufacturer:	Polytorx LLC, 300 N. 5th Ave, Suite 130, Ann Arbor, Michigan 48104, Website: <a href="http://www.helixfiber.com">www.helixfiber.com</a> Email: <a href="mailto:info@helixfiber.com">info@helixfiber.com</a> Phone: 734-322-2114, Fax 734-786-1633,