

**PRODUCT DATA SHEET**  
**ASTM A820 Type 1**  
Steel Fibers for Fiber-Reinforced Concrete

Fiber Type:	Helix
Material:	Cold drawn steel wire, zinc galvanised
Configuration:	Twisted with rectangular cross sectional shape
Length:	25 mm (1")
Diameter:	0.5 mm (0.020")
Aspect Ration:	50
Tensile Strength:	Minimum of 1500 MPa (220 ksi)
Modus 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 ASTM A820-01
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