



	3/16"	7/32"
CONSTRUCTION	1x19 (1-9-9)	1x19 (1-9-9)
Outside diameter	.188"(4.78 mm)	.219"(5.56 mm)
Center wire diameter	.056"(1.42 mm)	.066"(1.68 mm)
<i>Inner Layer – Right lay</i>		
Number of wires	9	9
Wire diameter	.027"(0.69 mm)	.032"(.81 mm)
<i>Outer Layer - Right lay</i>		
Number of wires	9	9
Wire diameter	.049"(1.24 mm)	.056"(1.42 mm)
MECHANICAL CHARACTERISTICS		
Breaking strength	6,400 lbs (28.44 kN)	8,600 lbs (38.25 kN)
Center Wire	700 lbs (3.11 kN)	972 lbs (4.33 kN)
Inner Wire	163 lbs (0.72 kN)	229 lbs (1.02 kN)
Outer Wire	509 lbs (2.26 kN)	700 lbs (3.11 kN)
Maximum suggested working tension	3,200 lbs (14.23 kN)	4,300 lbs (19.13 kN)
Weight	87.7 lb/Kft (130.56 kg/km)	116.5 lb/Kft (173.4 kg/km)
Diameter tolerance	+2%	+2%
Calculated stretch coefficient	2.17 ft/Kft/Klb	1.28 ft/Kft/Klb
Minimum sheave diameter	20" (50.80 cm)	22" (55.88 cm)
	1/4"	5/16"
CONSTRUCTION	1X19 (1-9-9)	1X19 (1-9-9)
Outside diameter	.250"(6.35 mm)	.313" (7.9 mm)
Center wire diameter	.076"(1.93 mm)	.096"(2.43 mm)
<i>Inner Layer – Right lay</i>		
Number of wires	9	9
Wire diameter	.038"(0.97 mm)	.045" (1.14 mm)
<i>Outer Layer - Right lay</i>		
Number of wires	9	9
Wire diameter	.066"(1.68 mm)	.080" (2.03 mm)
MECHANICAL CHARACTERISTICS		
Breaking strength	11,000 lbs (48.93 kN)	15,900 lbs (70.73 kN)
Center Wire	1,289 lbs (5.73 kN)	2,057 lbs (9.15 kN)
Inner Wire	322 lbs (1.43 kN)	452 lbs (2.01 kN)
Outer Wire	923 lbs (4.11 kN)	1,356 lbs (6.03 kN)
Maximum suggested working tension	5,500 lbs (24.47 kN)	7,950 lbs (35.36 kN)
Weight	162 lbs/Kft. (241.7 kg/km)	275.8 lb/Kft (410.4 kg/km)
Diameter tolerance	± 2%	+2%
Calculated stretch coefficient	0.87 ft/Kft/Klb	0.80 ft/Kft/Klb
Minimum sheave diameter	26" (66.04 cm)	32" (81.28 cm)

- The armor wires are Galvanized Improved Plow Steel (GIPS), with anti-corrosion compound for protection during shipping and storing.