

Messenger Strand

Messenger strand is used in the telephone and communication industry to provide mechanical support to conductors.

STANDARDS

ASTM-A-475
ASTM-A-640

Galvanization in Coating Classes A or B under ASTM A-475 (Classes A or B) and ASTM A-640 Standards

USES

- > Support for Figure 8 cable and auto-supported for telephone use
- > Support for fiber optic cable

ADVANTAGES

- > No welds
- > Uniform finish
- > High ductility and tension strength
- > Strand remains straight after uncoiling, enhancing the extrusion process of the finished cable
- > Manufactured and packaged to your specifications in an ISO 9001:2000 facility

DIAMETERS

Wire sizes: .125 - .250"
(3.18 mm - 6.35 mm)

PACKAGING

Wooden reels

MESSENGER STRAND SPECIFICATIONS

Diameter		Construction	Finish	Weight	Tensile Strength		Elongation	
in	mm				kg/m	lb/1000 ft	lb	kg
1/8	3.18	1 x 7	Galvanized	0.048	32	1830	0.83	4
1/8	3.18	1 x 7	Impregnated	0.049	33	1830	0.83	4
1/8	3.18	1 x 7	Extruded	0.051	35	1830	0.83	4
5/32	3.97	1 x 7	Galvanized	0.075	51	2940	1.33	4
3/16	4.76	1 x 7	Galvanized	0.109	73	3990	1.81	4
3/16	4.76	1 x 7	Impregnated	0.112	75	3990	1.81	4
1/4	6.35	1 x 7	Galvanized	0.180	121	6650	3.02	4
1/4	6.35	1 x 7	Impregnated	0.186	125	6650	3.02	4



Minimum Zinc Coating Weight					
ASTM - A475				ASTM - A640	
Class A		Class B			
gr/m ²	oz/ft ²	gr/m ²	oz/ft ²	gr/m ²	oz/ft ²
122	0.4	244	0.8		
122	0.4	244	0.8		
122	0.4	244	0.8		
122	0.4	244	0.8		
153	0.5	305	1.0	198	0.65
153	0.5	305	1.0	198	0.65
183	0.6	366	1.2	198	0.65
183	0.6	366	1.2	198	0.65