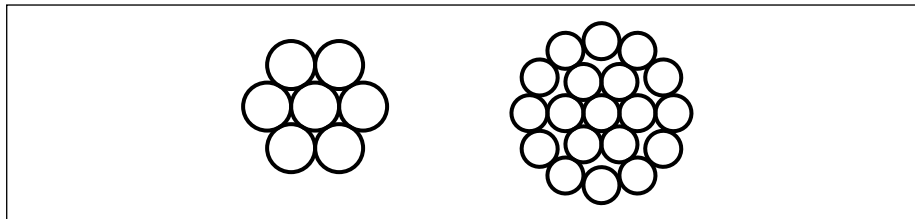


Steel Overhead Ground Wire and Stranded Steel Guy Wire



Steel Overhead Ground Wire (ASTM A363)

Product Construction:

Complete Conductor:

Steel overhead ground wire conductors are a concentric-lay-stranded construction. Steel overhead ground wire conductors are manufactured in accordance with the requirements of ASTM Specification A363.

Features and Benefits:

The steel wires are protected from corrosion by galvanizing. The standard Class A zinc coating is adequate for ordinary environments. ASTM A363 does not permit welds or splices be made in any of the finished steel strand wire.

Applications:

Overhead ground wire or static wire.

Options:

Class A zinc-5% aluminum mischmetal alloy-coated per ASTM A925.

STEEL OVERHEAD GROUND WIRE					
OVERALL DIAMETER (INCHES)	STRANDING (NO. X DIAMETER)	APPROXIMATE WEIGHT (LB/KFT)	MINIMUM BREAKING STRENGTH (POUNDS)		
			UTILITIES GRADE	HIGH-STRENGTH GRADE	EXTRA-HIGH-STRENGTH GRADE
5/16	7 X 0.104	205	---	8000	11200
3/8	7 X 0.120	273	11500	10800	15400
7/16	7 X 0.145	399	---	14500	20800
1/2	7 X 0.165	517	---	18800	26900

Dimensions and weights not designated minimum or maximum are nominal values and subject to manufacturing tolerances. In this context, weight means mass.

STRANDED STEEL GUY WIRE							
OVERALL DIAMETER (INCHES)	STRANDING (NO. X DIAMETER)	APPROXIMATE WEIGHT (LB/KFT)	MINIMUM BREAKING STRENGTH (POUNDS)				
			UTILITIES GRADE	COMMON GRADE	SIEMENS-MARTIN GRADE	HIGH-STRENGTH GRADE	EXTRA HIGH-STRENGTH GRADE
1/8	7 X 0.041	32	---	540	910	1330	1830
5/32	7 X 0.052	51	---	870	1470	2140	2940
3/16	7 X 0.062	73	---	1150	1900	2850	3990
3/16	7 X 0.065	80	2400	---	---	---	---
7/32	7 X 0.072	98	---	1540	2560	3850	5400
1/4	7 X 0.080	121	---	1900	3150	4750	6650
9/32	7 X 0.093	164	4600	2570	4250	6400	8950
5/16	7 X 0.104	205	---	3200	5350	8000	11200
5/16	7 X 0.109	225	6000	---	---	---	---
3/8	7 X 0.120	273	11500	4250	6950	10800	15400
7/16	7 X 0.145	399	18000	5700	9350	14500	20800
1/2	7 X 0.165	517	25000	7400	12100	18800	26900
1/2	19 X 0.100	504	---	7620	12700	19100	26700
9/16	7 X 0.188	671	---	9600	15700	24500	35000
9/16	19 X 0.113	637	---	9640	16100	24100	33700
5/8	7 X 0.207	813	---	11600	19100	29600	42400
5/8	19 X 0.125	796	---	11000	18100	28100	40200
3/4	19 X 0.150	1155	---	16000	26200	40800	58300
7/8	19 X 0.177	1581	---	21900	35900	55800	79700
1	19 X 0.200	2073	---	28700	47000	73200	104500

Dimensions and weights not designated minimum or maximum are nominal values and subject to manufacturing tolerances. In this context, weight means mass.

Stranded Steel Guy Wire (ASTM A475)

Product Construction:

Complete Conductor:

Stranded steel guy wire is a concentric-lay-stranded construction. Stranded steel guy wire is manufactured in accordance with the requirements of ASTM Specification A475.

Features and Benefits:

The steel wires are protected from corrosion by galvanizing. The standard Class A zinc coating is adequate for ordinary environments.

Applications:

Shield wire, messengers, span wire, etc.

Options:

Class A zinc-5% aluminum mischmetal alloy-coated per ASTM A855.