

ZEX Wire (300V Grade)

PRODUCT SPECIFICATIONS

01 Product Specifications

20 SIZES

Cross- Sectional Area SQ(mm²)	Conductor		Glass-fiber wrapping thickness mm	Glass-fiber braid thickness mm	Nominal overall diameter mm	Dielectric strength test V/min	Insulation resistance (Minimum) MΩ.km
	Construction	Diameter					
	strands/mm	mm					
0.5	20/0.18	0.9	0.3	0.25	2.0	AC 1,000	0.1
0.75	30/0.18	1.1	0.3	0.25	2.2	AC 1,000	0.1
1.25	50/0.18	1.5	0.35	0.3	2.8	AC 1,000	0.1
2	37/0.26	1.8	0.35	0.3	3.1	AC 1,000	0.1
3.5	44/0.32	2.5	0.4	0.3	3.9	AC 1,000	0.1
5.5	68/0.32	3.1	0.4	0.3	4.5	AC 1,000	0.1
8	50/0.45	3.7	0.5	0.3	5.3	AC 1,000	0.1
10	63/0.45	4.1	0.6	0.3	5.9	AC 1,000	0.1
14	7/13/0.45	5.6	0.6	0.4	7.6	AC 1,000	0.1
16	7/15/0.45	6.0	0.6	0.4	8.0	AC 1,000	0.1
22	7/20/0.45	7.0	0.6	0.4	9.0	AC 1,000	0.1
38	7/34/0.45	9.1	0.7	0.4	11.3	AC 1,500	0.1
50	7/45/0.45	10.0	0.7	0.4	12.2	AC 1,500	0.1
60	19/20/0.45	11.2	0.7	0.4	13.4	AC 1,500	0.1
70	19/23/0.45	12.3	0.7	0.4	14.5	AC 1,500	0.1
80	19/27/0.45	13.0	0.8	0.4	15.4	AC 1,500	0.1
95	19/32/0.45	14.4	0.8	0.4	16.8	AC 1,500	0.1
100	19/34/0.45	14.7	0.8	0.4	17.1	AC 1,500	0.1
120	19/40/0.45	16.1	1.0	0.4	18.9	AC 2,000	0.1
150	19/50/0.45	18.0	1.0	0.4	20.8	AC 2,000	0.1