

Wire Rope 9x21Fi+ IWRF



Characteristics: Preformed, bright, right hand, regular lay.

Application: Suspension ropes for elevator speed $\geq 4\text{m/s}$, building height 100m.
 Suspension ropes for high-rise, high-speed elevators.

钢丝绳 公称直径 Nominal rope diameter	参考重量 Approx. weight		钢丝绳最小破断拉力 Minimum breaking load									
			双强度 Dual tensile, MPa				单强度 Single tensile, MPa					
			1370/1770		1570/1770 1620/1770		1570		1620		1770	
	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF
mm	kg/100m		kN		kN		kN		kN		kN	
8	27.5	25.6	39.2	37.7	41.7	40.1	39.2	37.7	40.4	38.9	44.2	42.5
9	34.8	32.4	49.6	47.7	52.8	50.7	49.6	47.7	51.2	49.2	55.9	53.8
9.5	38.8	36.1	55.3	53.1	58.8	56.5	55.3	53.1	57.0	54.8	62.3	59.9
10	43.0	40.0	61.2	58.9	65.1	62.6	61.2	58.9	63.2	60.8	69.0	66.4
11	52.0	48.4	74.1	71.2	78.8	75.8	74.1	71.2	76.4	73.5	83.5	80.3
12	61.9	57.6	88.2	84.8	93.8	90.2	88.2	84.8	91.0	87.5	99.4	95.6
12.7	69.4	64.5	98.8	95.0	105	101	98.8	95.0	102	98.0	111	107
13	72.7	67.6	103	99.5	110	106	103	99.5	107	103	117	112
14	84.3	78.4	120	115	128	123	120	115	124	119	135	130
14.3	87.9	81.8	125	120	133	128	125	120	129	124	141	136
15	96.8	90.0	138	132	147	141	138	132	142	137	155	149
16	110	102	157	151	167	160	157	151	162	156	177	170
17.5	132	123	188	180	199	192	188	180	193	186	211	203
18	139	130	198	191	211	203	198	191	205	197	224	215
19	155	144	221	213	235	226	221	213	228	219	249	240
20	172	160	245	236	261	251	245	236	253	243	276	266
20.6	182	170	260	250	276	266	260	250	268	258	293	282
22	208	194	296	285	315	303	296	285	306	294	334	321

- Size in bold are recommended for new elevators.
- A technical agreement need to be signed for the purchase of these wire ropes.

Note: All Specifications are approximate. Specifications are subject to change without notice.