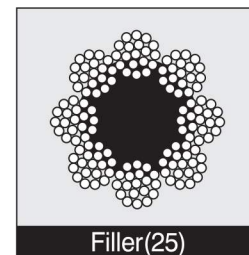
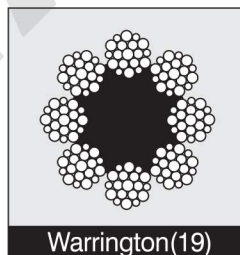
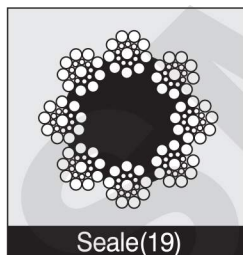


ELEVATOR WIRE ROPE

8-Strand Wire Rope-Fiber Core

NOMINAL DIAMETER		MIN. BREAKING STRENGTH								APPROX. WEIGHT		MAX. LENGTH	
		FEDERAL (IRR-W-410D)		FEDERAL & KISWIRE	JIS & KS		BS	ISO & BS	ISO				
INCH	mm	Iron Steel(lbs)	Traction Steel(lbs)	Extra Hi-strength Steel(lbs)	E-1(kN)	A(kN)	E-2(kN)	E-3(kN)	B(kN)	(lb/ft)	(kg/m)	(m)	(ft)
3/16	4.76	1,000	2,000	2,500	9.4	11.1	9.1	10.1	12.0	0.05	0.08	3,500	11,475
1/4	6.35	1,800	3,600	4,500	16.4	19.4	15.9	17.7	21.2	0.09	0.14	3,500	11,475
5/16	7.94	2,900	5,600	6,900	26.0	30.8	25.2	28.1	33.2	0.14	0.22	3,000	9,836
-	9	3,700	7,100	8,700	32.9	39.0	32.0	35.6	42.0	0.18	0.28	3,000	9,836
3/8	9.5	4,200	8,200	9,900	36.6	43.4	35.6	39.6	46.8	0.20	0.31	3,000	9,836
-	10	4,700	9,100	11,000	40.6	48.1	39.4	44.0	51.9	0.22	0.34	3,000	9,836
-	11	5,500	10,800	13,300	50.1	59.2	47.7	53.2	62.8	0.27	0.42	3,000	9,836
7/16	11.1	5,600	11,000	13,500	51.0	60.3	48.6	54.2	63.9	0.28	0.42	3,000	9,836
-	12	6,500	12,900	15,800	58.5	69.2	56.7	63.3	74.6	0.32	0.49	2,500	8,197
-	12.5	7,100	14,000	17,100	63.5	75.1	61.6	68.7	81.0	0.36	0.54	2,000	6,557
1/2	12.7	7,200	14,500	17,500	65.5	77.6	63.6	70.9	83.6	0.36	0.55	2,000	6,557
-	13	7,500	15,200	18,300	68.6	81.3	66.6	74.3	87.6	0.38	0.58	2,000	6,557
-	14	8,700	17,600	20,200	79.6	94.3	77.3	86.2	102	0.44	0.67	2,000	6,557
9/16	14.3	9,200	18,500	21,100	83.1	98.3	80.7	89.9	106	0.46	0.70	2,000	6,557
5/8	16	11,200	23,000	27,200	104	123	101	113	133	0.57	0.88	1,525	5,000
11/16	17.5	13,400	27,000	32,800	124	147	121	135	158	0.69	1.05	1,000	3,279
-	18	14,200	28,600	34,700	131	156	128	143	167	0.72	1.11	1,000	3,279
3/4	19.1	16,000	32,000	38,900	147	175	142	159	187	0.82	1.25	1,000	3,279



Diameter Tolerances

When measured under no load and under a load of 10% of the minimum breaking load(MBL), the actual rope diameter will be in accordance with the values shown below.

Rope diameter	No Load	10% MBL
Up to and including 10 mm	+6% +2%	+4% +0%
Over 10 mm	+5% +2%	+3% +0%

Ropes produced according to federal specification RR-W-410D will meet diameter tolerances required by this specification.