

WIRE ROPE AND FITTINGS

SIZING + CONVERSIONS

METRIC - IMPERIAL DIAMETER CONVERSION											
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
5/32	3.97	1/2	12.7	15/16	23.8	1 1/2	38.1	2 1/2	63.5	4 1/4	108.0
3/16	4.76	9/16	14.3	1	25.4	1 15/16	41.3	2 3/4	69.9	4 1/2	114.3
7/32	5.56	5/8	15.9	1 1/16	27.0	1 3/4	44.5	3	76.2	4 3/4	120.7
1/4	6.35	11/16	17.5	1 1/8	28.6	1 7/8	47.6	3 3/4	82.6	5	127.0
5/16	7.94	3/4	19.0	1 3/16	30.2	2	50.8	3 1/2	88.9		
3/8	9.53	13/16	20.6	1 1/4	31.8	2 1/8	54.0	3 3/4	95.3		
7/16	11.1	7/8	22.2	1 3/8	34.9	2 1/4	57.2	4	101.6		

CONVERSION TABLE				
Length	1m	= 1000 mm	= 3,281 ft	= 39,37 inch
Force	1kN	= 101,97 kp	= 0,10197 t metric-f	= 224 lbs-f
Tensile Strength	IN/mm	= 0,10197 kp/mm	= 145,04 p.s.i	10 bar
Cross Section	1mm	= 0.00155 sq.inch		
Weight	1 metric t	1000kg = 1,102 short t	= 0,9842 long t	2204,6 lbs
Weight Length Limit per	1 kg/m	= 0,672 lbs/ft		

KEY TO ABBREVIATIONS	
K	Compacted
P/PI	Full Plastic Impregnation of the Steel Core
S	Seale Construction
W	Warrington Construction
SW	Seale Warrington Construction
CWS	Wire Strand Core
CWR	Wire Rope Core
CFS	Core man made fibre (poly)
CWRP	Core Strand closed parallel with outer strands of rope

