

# Ropes of Scale



This conversion chart is for our line of cotton ropes made with Arifil threads.

Diameter (metric)	Circumference (metric)	Length (metric)	Diameter (imperial)	Circumference (imperial)	Length (imperial)
.25mm	0.78mm	6m	0.009"	0.030"	19'
.35mm	1.09mm	6m	0.013"	0.043"	19'
.45mm	1.41mm	6m	0.017"	0.055"	19'
.5mm	1.57mm	6m	0.019"	0.059"	19'
.6mm	1.88mm	5.5m	0.023"	0.074"	18'
.7mm	2.19mm	5.5m	0.027"	0.084"	18'
.8mm	2.51mm	5.5m	0.031"	0.097"	18'
.9mm	2.82mm	5.5m	0.035"	0.109"	18'
1mm	3.14mm	5.5m	0.039"	0.122"	18'
1.1mm	3.45mm	5.5m	0.043"	0.135"	18'
1.2mm	3.76mm	5.5m	0.047"	0.147"	18'
1.3mm	4.08mm	5.5m	0.051"	0.160"	18'
1.4mm	4.39mm	5.5m	0.055"	0.172"	18'

Below are the sizes and maximum lengths for cables.

Diameter (metric)	Circumference (metric)	Length (metric)	Diameter (imperial)	Circumference (imperial)	Length (imperial)
1.25mm	3.92mm	5m	0.049"	0.154"	16.4'
1.35mm	4.24mm	5m	0.053"	0.166"	16.4'
1.45mm	4.55mm	5m	0.057"	0.179"	16.4'
1.65mm	5.18mm	5m	0.064"	0.204"	16.4'
1.8mm	5.65mm	5m	0.070"	0.222"	16.4'
1.95mm	6.12mm	5m	0.076"	0.241"	16.4'
2.1mm	6.59mm	5m	0.082"	0.259"	16.4'