

# Ropes of Scale



This conversion chart is for our line of Synthetic rope made with Gutermann E thread.

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	6m	0.023"	0.074"	19'
.7mm	2.19mm	6m	0.027"	0.084"	19'
.8mm	2.51mm	6m	0.031"	0.097"	19'
.9mm	2.82mm	6m	0.035"	0.109"	19'
1mm	3.14mm	6m	0.039"	0.122"	19'
1.1mm	3.45mm	6m	0.043"	0.135"	19'
1.2mm	3.76mm	6m	0.047"	0.147"	19'
1.3mm	4.08mm	6m	0.051"	0.160"	19'
1.4mm	4.39mm	6m	0.055"	0.172"	19'
1.5mm	4.71mm	6m	0.059"	0.185"	19'
1.6mm	5.02mm	6m	0.062"	0.197"	19'
1.7mm	5.34mm	6m	0.066"	0.210"	19'
1.8mm	5.65mm	6m	0.070"	0.222"	19'

Below are the sizes and maximum lengths for cables.

Diameter (metric)	Circumference (metric)	Length (metric)	Diameter (imperial)	Circumference (imperial)	Length (imperial)
1.1mm	3.45mm	5m	0.043"	0.135"	16'
1.3mm	4.08mm	5m	0.055"	0.169"	16'
1.45mm	4.55mm	5m	0.057"	0.179"	16'
1.6mm	5.02mm	5m	0.062"	0.197"	16'
1.8mm	5.65mm	5m	0.070"	0.222"	16'
2.1mm	6.59mm	5m	0.082"	0.259"	16'
2.4mm	7.53mm	5m	0.094"	0.296"	16'
2.6mm	8.16mm	5m	0.102"	0.321"	16'
2.8mm	8.79mm	5m	0.110"	0.346"	16'
3mm	9.42mm	5m	0.118"	0.371"	16'
3.2mm	10.05mm	5m	0.125"	0.395"	16'
3.4mm	10.68mm	5m	0.133"	0.420"	16'
3.6mm	11.30mm	5m	0.141"	0.445"	16'
3.8mm	11.93mm	5m	0.149"	0.470"	16'