U.S. System		Metric System	
E	Abbreviation for alkali-free glass, E-glass	E	Abbreviation for alkali-free glass, E-glass
C	Abbreviation for continuous fiber	C	Abbreviation for continuous fiber
G	Code of filament diameter	9	Diameter of filament (μm)
150	Yard length per pound of single yarn (100yd/1b)	33	TEX of single yarn (g/1000m)
1/2	Number of strand plied 1 : Indicates the plying object's number of strands 2 : Indicates the number of strands which used for plying (Use 2 strands of single yarns to ply。)	1X2	Number of strand plied 1 : Indicates the plying object's number of strands 2 : Indicates the number of strands which used for plying (Use 2 strands of single yarns to ply。)
3.8	Twist Number Per Inch, TPI	S	Twisting Direction (S or Z)
S	Twisting Direction (S or Z)	150	Twist Number Per Meter, TPM

TABLE 1 Letter Designations for Glass Strand Filament Diameters

Filament Size Designation		Nominal Range for Filament Diameter Average	
Inch-Pound System, Letter	SI System, Number	in.	μm[A]
B	3.5	0.00013 to 0.000159	3.30 to 4.05
C	4.5	0.00016 to 0.000189	4.06 to 4.82
D	5	0.00019 to 0.000229	4.83 to 5.83
DE	6	0.00023 to 0.000269	5.84 to 6.85
E	7	0.00025 to 0.000299	6.35 to 7.61
F	8	0.00030 to 0.000345	7.62 to 8.88
G	9	0.00035 to 0.000399	8.89 to 10.15
H	11	0.00040 to 0.000449	10.16 to 11.42
J	12	0.00045 to 0.000499	11.43 to 12.69
K	13	0.00050 to 0.000549	12.70 to 13.96
L	14	0.00055 to 0.000599	13.97 to 15.23
M	16	0.00060 to 0.000649	15.24 to 16.50
N	17	0.00065 to 0.000699	16.51 to 17.77
P	18	0.00070 to 0.000749	17.78 to 19.04
Q	20	0.00075 to 0.000799	19.05 to 20.31
R	21	0.00080 to 0.000849	20.32 to 21.58
S	22	0.00085 to 0.000899	21.59 to 22.85
T	23	0.00090 to 0.000949	22.86 to 24.12
U	24	0.00095 to 0.000999	24.13 to 25.40

[A] The low values stated for each micrometre range are exact equivalents to inches, rounded to the nearest hundredth micrometre. The high values stated for each micrometre range are slightly higher than exact equivalents to inches to provide continuation between ranges. They are consistent for inch-pound and SI filament size descriptions commonly used in the industry. In some publications, the SI designation for H filament size has been shown as 10.