

# Bee-Line

**12** Bee-Line is the first rope designed to wick the heat of friction away from a knot. The “Power of Aramid” is brought to bear in this rope structure. Teijin’s Technora® Aramid fiber has heat resistance through 800 degrees Fahrenheit and excellent cut resistance.

In use kinetic energy caused by rappelling on the knot or friction hitch, is converted into thermal energy. If left with no place to go it can melt your rope. In introducing Aramid fiber into the rope a higher level of heat can be tolerated without damage to either the cord or the climbing line.

Bee-Line is offered in two diameters 5/16 and 3/8. Each diameter is made differently to maximize the thermodynamic value provided. Bee-Line works especially well with our 24 strand 11 and 11.7 mm diameter climbing lines.

*5/16 “ diameter cover 75 % Technora (800 degree F) and 25% polyester (480 degree F) Core 100 % Vectran (620 degree F)*

*3/8” diameter cover 50 % Technora (800 degree F) and 50% polyester (480 degree F) Core 100 % Polyester (480 degree F)*

Diameter		Strength Avg.		Weight	
inches	mm	lbs	kg	lbs/100ft	kg/100m
5/16"	8	8,000	3,629	3.7	5.5
3/8"	9	7,500	3,402	4.7	7

The 3/8 is golden with a black strand in every four. The 5/16 is golden alternating with black and has a distinctive yellow ID tracer.

Yale offers this rope in 300 and 600 foot spools and as fabrications.

*Our prefabricated assemblies have a one inch eye protected with clear Maxijacket coating for enhanced wear resistance and added rigidity when installing carabiners through the eyes.*



Sewing Grade

3/8"



5/16" Bee Line  
Prussic