

1* Based on DuPont Kevlar® data

2* Based on Allied-Signal Spectra® data-Type 900

3* Resistance is relative to the length of exposure, percent of concentration and temperature.

CAUTION:

Use of Working Loads

Because of the wide range of rope use, rope condition, and exposure to the various factors affecting the rope, it is impossible to make blanket recommendations as to the correct choice of rope to use. However, we have provided the tensile strength for each diameter and type of rope. These strengths are based on tests of new and unused rope, with appropriate splices. Proper choice, care and inspection of the rope are essential for reasonably safe use of the rope. Consult your cordage vendor for proper use.

Dynamic Loading Voids Normal Works Loads

Dynamic Loading occurs when rope is subjected to sudden or extreme stress. Figures given as working loads are void if rope has been subjected to dynamic loading, high temperatures, long periods of load, extreme stress, improper use or storage.

Effect of Temperature on Tensile Strength

The tensile strength charts apply to ropes tested at normal room temperature (70°F). Ropes have lower tensile strength at higher temperatures. Continued exposure at elevated temperatures causes permanent damage.

WARNING! MISUSE OF ROPES COULD RESULT IN SERIOUS INJURY.