



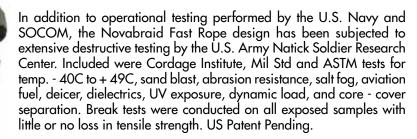
FAST ROPE

THE NOVABRAID FAST ROPE design is an improvement over legacy plaited Fast Ropes. (reference Mil - F-4442). The Novabraid Fast Rope is available in weighted and non weighted versions. Developed for use on the V22 Osprey the ballasted fast rope performs especially well in high prop wash or turbulent conditions. A lead ballast core surrounded by successive over braids of dissimilar density yarns minimizes the ropes harmonic movement below the aircraft to facilitate insertion onto roof tops or shipboard.



In both weighted and non weighted versions, an internal Spectra® strength component offers lower stretch and improved cut resistance. The camo color twelve strand Multiplex polyester cover is the same 1.75 in diameter as the legacy rope, with improved grip and abrasion resistance. Severing of a Novabraid cover strand will not compromise rope strength. The Novabraid Fast Rope features a stainless steel thimble termination on top and can be FRIES configured with optional Spectra® extraction and safety loops. The thimble and polymer covered Spectra® eye are designed to accept two standard carabineers for aircraft connection. The eye being smaller than on the legacy design minimizes required rope master reach distance and allows the roper to more safely grip the Novabraid Fast

Rope higher up.



Novabraid Fast Ropes are individually fabricated, tested and inspected. Encapsulated identification labels with serial numbers are standard. Our camo green and black multiplex cover strands are hard layed for boot sole descent control but can be ordered in a softer lay. Solid black color is also available. Standard 60, 90 and 120 foot or custom lengths are available. Novabraid Fast Ropes can often be recovered at the factory if the cover strands are damaged. Use of replaceable carabineers eliminates the requirement to retire the rope if legacy welded rings are damaged.





Novabraid Weighted Fast Rope

Tensile Strength
Min 25,500 lb 11,566 kg
Avg 31,400 lb 14,243 kg
Max 37,500 lb 17,008 kg

Dia 1.75 in 45 mm Wgt/ft 1.2 lbs .54 kg

> NSN 4020-20-004-3920 Patent # US 7954410 B2



Manufactured by Novatec Braids Ltd. 234 Water Street, Yarmouth Nova Scotia, Canada B5A 4P8







www.novabraid.com 1-800-565-4212