FRICTAPE HELIDECK PERIMETER SAFETY NET

FRICTAPE HELIDECK perimeter safety nets provide safe environment for all personnel operating in helideck. Custom made nets are installed with simple braiding using the same material, without a need for any tools. The fail-safe assembly method and easy testing procedures ensure the functionality of over their entire lifetime.
FRICTAPE HELIDECK PERIMETER NET FEATURES

• Frictape nets produce a hammock effect, completely absorbing the kinetic energy of falling objects or persons. This is vitally important for safety nets to work and also stated in the CAP437 requirements.
• The benefits of Frictape nets’ completely balanced strength is especially visible when the net is damaged. Even several cuts in the net will not affect the nets ability to stop and contain the falling worker.
• Nets have an expected lifetime of 9-10 years in North European climate.
• Theoretical calculations are based on our long time experience of different net designs of this particular material of over five decades.
• Design is similar to Frictape Helideck Landing Nets. The core material is the same.
• First delivered Frictape safety nets have been in service for at least nine years.
• Frictape safety nets are used in various installations and vessels throughout the world by a great number of different companies.

Frictape safety nets have unique testing system which ensures easy, cost effective yet reliable annual testing. Frictape perimeter safety nets aging and safety factor are known throughout their lifetime.

Safety and compliance to real life and regulatory requirements are a paramount to Frictape. As a proof of that work Frictape helideck perimeter nets hold an ABS product assessment and DNV type approval certificates. Both are one of a kind in the offshore world.

Frictape Nets are designed and developed by Frictape Net Ltd. All phases of the manufacturing are made in company’s factories in Finland and in Estonia. Finnish factory is located just near Finland’s main port and airport where daily shipments are made.
SAFETY NET DELIVERY
• Delivery includes actual custom made safety nets packed & numbered individually plus:
  • Custom made attachment tapes, joined to appropriate panel on correct sides.
  • A set of 24 test tapes, for end-of-life determination.
  • Installation instructions in paper and in English spoken DVD.
  • User’s manual & service instructions.
  • Possible Helideck layout map showing panel numbers and respective places.

INSTALLATION
• Frictape perimeter safety nets are custom made to ensure exact fit to existing support structure.
• Attachments are made with same textile material as the nets itself elimination extra joiners or framing.
• Frictape safety nets are always attached directly to existing helideck frames, and every net is custom made for an exact fit.
• Design can be tailored for different obstacles and it allows measurement inaccuracies.
• Installation is a straightforward process and it needs only hands for installation.

DESIGN VERIFICATION
Frictape perimeter safety nets have been thoroughly tested and verified to fit for purpose. Among other the following tests have been conducted:
• Over hundred Pull Through tests resulting in about 7.8 kJ
• Multiple drop tests without failure.
• Multiple Failsafe tests with various test methods.
• Flammability tests with Finnish National Research Institute
• Aging tests for 7 years with Finnish Air Force
• AFFF-foam resistance test with University of Helsinki.
• Thousands of tensile tests with Finnish National Research Institute.

FRICTAPE TEST DATABASE
All helidecks equipped with Frictape Perimeter Safety Nets will receive access to our new Frictape Test Database. It is one of the results from Frictape Nets continuous development process.

Frictape Test Database is a tracking and information distribution system provided to all Frictape customers. Users can login 24/7 from any computer with internet access and easily check their perimeter safety nets current testing status.

Fleet managers can have access to multiple helidecks with clear outlook view from fleets testing status. Database saves the time-consuming task of monitoring large numbers of helidecks and testing certificates.

Database contains easily accessible records from past tests.

Frictape Test Database keeps track of document renewal dates. Email reminders make sure that operators send samples for testing in required time. In addition operators get email notifications when there’s new testing data available.

CONTACT INFORMATION
For more information and quotations please contact our sales team
tel +358 9 879 3878, email: sales@frictape.net
FRICTAPE INSTALLATION SUPPORT SERVICES

• All Frictape nets come with clear instructions for fail-safe installation.
• However, for additional convenience and challenging environments, the Frictape Offshore Installation Team offers turnkey deliveries.
• Installing perimeter safety nets on helidecks typically requires leaning outside of high-altitude offshore structures such as oilrigs.

The team members are professional mountaineers and adventurers with strong experience of operating in high altitudes and extreme conditions. Their backgrounds vary from big wall climbing to off-piste skiing, completed with trainings in offshore operations and commercial rope access.

In addition to the ability to operate in various conditions and environments, the team members are trained to understand the functionality and the unique material of the Frictape nets.

Their expertise is to ensure that every installation is completed down to the smallest detail, for maximal safety and durability.

With experienced workers, installation is always carried out in the shortest possible timeframe. The Frictape Offshore Installation Team is available for assignments globally.

Depending on the scope and schedule of each task, they can work individually training your own crew or in teams of two to three professionals.

CONTACT INFORMATION
For more information and quotations please contact our sales team
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FRICTAPE Net