



HEAVY LIFT SLINGS

FLEXOR™

BEXCO's Heavy-Lift Round Sling with a Dyneema® core

BEXCO announces the launching of FLEXOR™, its new Heavy-Lift Round Sling with a Dyneema® core for offshore lifting, subsea installations, renewables projects and offshore decommissioning and salvage.

With its modern R&D equipment, BEXCO has been able to conceptualize, test and then manufacture its new FLEXOR™ SLING design for engineered lifts, and is capable of purpose-building these slings within short lead times to meet all complex loading and handling requirements for specific lifting projects.

From tender through production and deployment right until final delivery and maintenance, BEXCO offers personal contact and advice from one of our expert BEXCO engineers for every step of the way.

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BEXCO's FLEXOR™ Sling for heavy lift operations has been precision-designed for lightweight and flexible usage whilst retaining the known strength and durability of BEXCO's proven synthetic Round Slings.

BEXCO has already tested the new FLEXOR™ Sling at DNV Norway for lengths of up to 15 meters and 2,500 mT breaking strength. The design principle is adaptable as it can also accommodate future versions with longer lengths and higher breaking strengths.

Using DSM's Ultra High Molecular Weight PolyEthylene (UHMWPE) known as Dyneema® at its core, BEXCO's FLEXOR™ Sling has a much better fatigue life compared to wire, whilst retaining similar elastic elongation properties. It also weighs eight to ten times less than traditional wire rope making it much easier and more flexible to handle.

With the Round Sling being effectively break-tested in the R&D phase rather than proof-loaded, BEXCO's FLEXOR™ Sling has a number of proven, unique advantages over traditional round slings:

- A bespoke double-fold jacket for each eye which is constructed and given a high quality finish using High Modulus PolyEthylene (HMPE) fiber. This jacket offers maximum protection against cuts, punctures, snags and abrasion as well as UV exposure
- Eyes which have been ruggedly designed to retain their shape during precision lifts and which resist any natural flattening whilst operating in harsh offshore conditions, allowing the use of smaller hardware
- With customers requiring very narrow length tolerance between Round Sling pairs, BEXCO's precision manufacturing methods ensure production of identical batches of FLEXOR™ Slings



BEXCO's range of offshore heavy lifting slings serves numerous offshore applications, including:

- Offshore Oil & Gas lifting & installation projects (FPSO's, oil rigs)
- Subsea installations (suction piles, pipelines, anchors, support structures, manifolds)
- Foundations for offshore Renewable projects (Jackets, Monopiles)
- Offshore Decommissioning & Salvage Platforms BEXCO supplies the world's leading engineering contractors with heavy lift slings to serve at offshore installations located in some of the most challenging marine environments on the planet.

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