



BRILEN POLYESTER INDUSTRIAL YARNS

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MOORING ROPES

OFFSHORE PLATFORMS ANCHORING



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With the current and continuously growing global demand for Petroleum to meet the needs of today's power-hungry world, the **new discoveries in oil fields are mainly found on the high seas** and in extremely deep waters.

In the extremes of the North Sea, in the deep waters of the Gulf of Mexico, Asia, West Africa and Australia. Some of them also in the Middle East.

The technical challenge: staying safe at sea in the toughest conditions.

Its resistance to stretching and great rigidity, allied with the proven low fibre-creep of polyester yarn, helps to absorb shocks and control the position of the platform (displacement).

That is one of the key criteria of anchor design for ocean depths above 2000 meters.

**High Tenacity,
Higher Challenges.**

WHY BRILEN

POLYESTER YARNS?

DST MARINO® is a high tenacity yarn that was **specifically designed and is currently being used** in deep and ultra-deep-water mooring rope for offshore oil and gas production platforms such as FPSO (Float Storage and Production Dumping), as well as MODU (Mobile Offshore Drilling Unit).

DST MARINO® can be used to withstand the rigours of the deep-water environment to make **safe, secure and reliable** mooring lines for ultra-deep waters.

BRILEN DST MARINO® yarn has been certified by Bureau Veritas (BV), the American Bureau of Shipping (ABS) and Det Norske Veritas (DNVGL) as an approved yarn in the production of fibre mooring lines for offshore systems.

These certificates demonstrate the effectiveness of the strengthening processes and quality systems developed by BRILEN.

