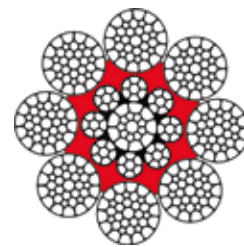


QS 814 VG



Galvanized lang's lay rope for riser tensioners. Extreme bending fatigue performance is the strong point of this rope. SUPERFILL® compaction technology guarantees highest breaking forces and thus maximum safety levels during operation. The application of this technology – even in the inner rope – generates highest form stability against lateral pressure.



YOUR BENEFIT

- > **Reliability and safety** during operation – due to highest breaking forces
- > **Cost reduction** – due to reduced rope abrasion, longer service life and prolonged maintenance intervals
- > **Excellent bending fatigue performance and high flexibility** – due to the 8 strand construction and the high number of wires
- > **Highest resistance against corrosion** – due to galvanized wires
- > **Longer service life** – due to the smooth rope surface – due to SUPERFILL® compaction technology
- > **Protection** through permanent lubrication provided by PLASTFILL™ insert.

FIELD OF APPLICATION

Special developed riser tensioner rope

SPECIFICATIONS

MULTI-LAYER WINDING

Lang's lay
 44,5-63,5 mm: 8 x K36WS - EPIWRC (K)
 Grades: 1770/1960 N/mm², Number of wires in the outer strands: < 57 mm: 288, > 57 mm: 376



SUPERFILL®

PLASTFILL™



Nominal Ø mm (=inch)	Weight*		Minimum breaking force			
	kg/m	lb/ft	1770 N/mm ² kN	1960 N/mm ² lbs	1960 N/mm ² kN	1960 N/mm ² lbs
44,50	9,12	6,13	1.383	310.912	1.531	344.184
50,80	11,90	8	1.805	405.782	1.998	449.170
57,20	14,50	9,74	2.296	516.164	2.542	571.467
63,50				-		-

QS 814 VG Technical Data

⚠ ATTENTION

Our rope recommendations are non-binding but based on many years of experience. Please note the special characteristics of your system and contact us to find the best rope for you. Subject to technical changes as well as written and print errors.

Langs lay ropes for RISER TENSIONER applications must be periodically checked by staff trained for this application. Strict adherence to our special operation and maintenance manual is advised.

Further diameters upon request

*including plastic

RISER TENSIONER

Riser tensioners are important installations on floating oil platforms in order to balance out permanent sea disturbances. The steel wire ropes used for these balancing movements are permanently exposed to tensile load and high bending cycles. These specific requirements can only be met by top-quality ropes. The galvanized rope QS 814 VG has especially been developed for use in such harsh environments as the Marine environment. Riser Tensioner rope perfectly meets all requirements demanded of it with its unique structure.

