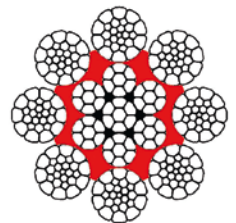


# QS 816 V (G)



**Extreme resistance** to negative external influences distinguish this rope from others. Teufelberger's SUPERFILL® compaction technology guarantees high breaking loads, translating to highest operational safety. The design of the inner rope and the PLASTFILL™ insert guarantee high stability against lateral pressure.



## YOUR ADVANTAGE

- > **Reliability and safety** during operation due to extremely high breaking loads.
- > **Cost reduction** due to reduced rope abrasion, longer service life and reduced maintenance intervals
- > **Trouble-free operation** resulting from excellent absorption of bangs and vibrations
- > **Long service life** due to smoother rope surfaces
- > **Outstanding winding characteristics** resulting from high stability against lateral pressure
- > **Permanent lubrication** due to PLASTFILL™ insert

## FIELD OF APPLICATION

- Boom hoist rope** for offshore cranes, ship cranes or cable dredgers
- Hoist rope** for harbor mobile cranes or container cranes
- Hoist, grab and pendant rope** for diggers and devices for civil engineering in single and multi-layer winding
- Guy rope** for toweryarders
- Carrying rope** for Woodliners
- Hoist rope** for cable crane installations

## SPECIFICATIONS

MULTI-LAYER WINDING

QS 816V in ordinary lay, QS 816V G in Lang's lay  
10-48 mm: 8 x K26WS EPIWRC (K), left and right lay  
Grades: 1770 / 1960 / 2160 N/mm<sup>2</sup>  
Number of wires in the outer strands: 208



SUPERFILL®

PLASTFILL™



## QS 816 V (G) Technical Facts

Nominal Ø mm	Weight* kg/m	minimum breaking load kN		
		1770 N/mm <sup>2</sup>	1960 N/mm <sup>2</sup>	2160 N/mm <sup>2</sup>
10,00	0,46	81,0	89,0	98,0
11,00	0,55	97,0	107,0	118,0
12,00	0,69	117,0	129,0	143,0
13,00	0,81	141,0	156,0	172,0
14,00	0,93	162,0	179,0	198,0
15,00	1,06	185,0	205,0	226,0
16,00	1,20	210,0	232,0	256,0
17,00	1,35	235,0	261,0	287,0
18,00	1,55	263,0	291,0	321,0
19,00	1,71	302,0	335,0	369,0
20,00	1,89	330,0	365,0	402,0
21,00	2,15	374,0	414,0	457,0
22,00	2,34	408,0	451,0	497,0
23,00	2,54	445,0	492,0	543,0
24,00	2,75	467,0	517,0	570,0
25,00	2,97	518,0	574,0	633,0
26,00	3,19	555,0	615,0	678,0
27,00	3,51	595,0	659,0	727,0
28,00	3,72	656,0	726,0	800,0
29,00	3,98	694,0	768,0	847,0
30,00	4,37	764,0	846,0	Upon Request
31,00	4,62	778,0	862,0	Upon Request
32,00	4,90	864,0	957,0	Upon Request
33,00	5,15	893,0	989,0	Upon Request
34,00	5,59	945,0	1046,0	Upon Request
36,00	6,36	1071,0	1186,0	Upon Request
38,00	7,03	1222,0	1354,0	Upon Request
40,00	7,81	1342,0	1486,0	Upon Request
42,00	8,60	1482,0	1641,0	Upon Request
44,00	9,24	1596,0	1768,0	Upon Request
46,00	10,21	1760,0	1949,0	Upon Request
48,00	10,78	1848,0	2046,0	Upon Request

### ATTENTION

As a provider of rope with many years of experience, our rope recommendations are nonbinding but based on experience. Please note the special characteristics of your system. Contact us to find the optimal rope for you. Subject to technical changes as well as written and print errors.

\* Lang's lay ropes may only be used for multiple layer winding (on the drum) or must be subjected to regular, non-destructive inspection.

Further diameters upon request

\*including plastic



TOGETHER IN MOTION