

Camesa Mechanical Wireline

High-strength,
long-lasting
wireline solutions
for every job.



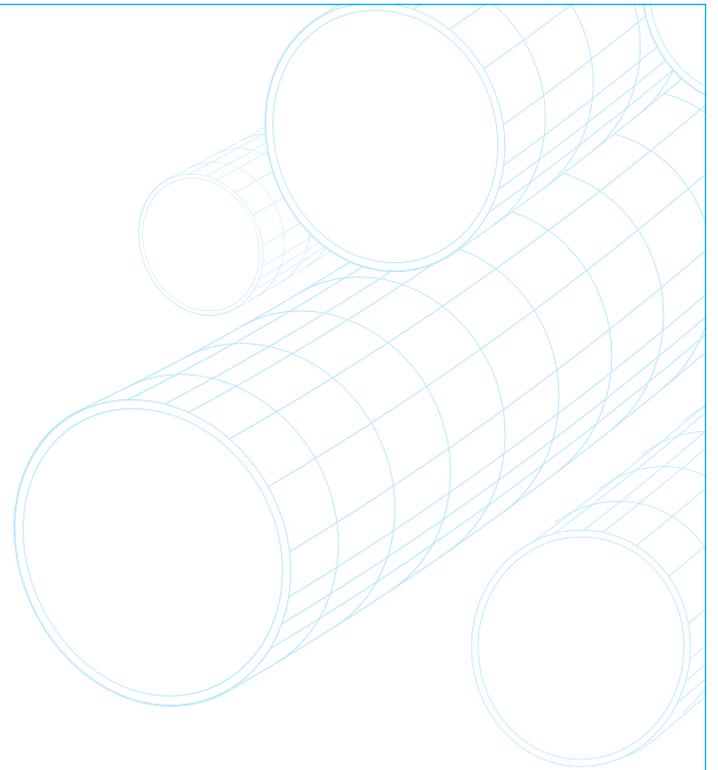
An offshore oil rig stands in the middle of a vast, choppy ocean under a dramatic sky at sunset. The rig is illuminated with warm lights, and the sky transitions from a deep blue at the top to a soft orange and pink near the horizon. The water in the foreground is dark blue with white-capped waves.

Take a deeper look at your wireline

The value of a wireline investment isn't always clear from the surface. Choosing Camesa is about more than just the quality of our mechanical wireline – it's about the performance and value you can count on every time you deploy one of our industry-leading products.

From next-generation slickline solutions to best-in-class swablines and dycams, Camesa offers the selection you need to handle the toughest challenges anywhere in the world. And with our dedicated staff and technical personnel, mobile app, and cable schools, we provide unparalleled support to help our clients maximize their investments and improve their operation – any application, any geology.

Look beyond the surface



X3™ Slickline* specs

Wire diameter	Approximate weight	Minimum breaking load	Minimum sheave diameter	Torsions	Wrap
Inches mm	lbs/Kft Kg/Km	Lbf Kgf	Inches	#	Turns
0.066 ± 0.0005 1.676 ± 0.012	12 17.7	1300 591	8	27	8
0.072 ± 0.0005 1.829 ± 0.012	14 20.8	1486 675	9	27	8
0.082 ± 0.0005 2.083 ± 0.012	18 26.8	1848 840	10	24	8
0.092 ± 0.0005 2.337 ± 0.012	23 34.2	2227 1012	11	21	8
0.108 ± 0.0005 2.743 ± 0.012	32 47.6	2886 1312	13	17	8
0.125 ± 0.0005 3.175 ± 0.012	42 62.5	3743 1729	15	15	8
0.140 ± 0.0005 3.556 ± 0.012	54 80.4	4618 2099	17	13	8
0.160 ± 0.0005 4.064 ± 0.012	69 102.7	5630 2559	19	11	8

* Every length is 100% weld-free and Eddy-current tested upon request.

Industry-leading conventional wireline

Swabline

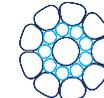
Featuring high-tensile armor wires, Galvanized Improved Plow Steel (GIPS), and anti-corrosion coating, Camesa Swabline is a strong solution for tougher jobs.



	3/16"	7/32"	1/4"	5/16"
CONSTRUCTION	1x16 (1-6-9)	1x16 (1-6-9)	1x19 (1-6-12)	1x19 (1-6-12)
Outside diameter	.188" (4.78 mm)	.219" (5.56 mm)	.250" (6.35 mm)	.313" (7.94 mm)
Center wire diameter	.036" (0.91 mm)	.042" (1.1 mm)	.058" (1.47 mm)	.072" (1.83 mm)
Inner layer - left lay				
Number of wires	6	6	6	6
Wire diameter	.032" (0.81 mm)	.038" (0.97 mm)	.048" (1.22 mm)	.062" (1.57 mm)
Outer layer - right lay				
Number of wires	9	9	12	12
Wire diameter	.044" (1.12 mm)	.054" (1.37 mm)	.048" (1.22 mm)	.062" (1.57 mm)
MECHANICAL CHARACTERISTICS				
Breaking strength	4,600 lbs (20.46 kN)	6,800 lbs (30.25 kN)	8,300 lbs (36.92 kN)	13,900 lbs (61.83 kN)
Center wire	289 lbs (1.29 kN)	394 lbs (1.75 kN)	751 lbs (3.34 kN)	1,157 lbs (5.15 kN)
Inner wire	229 lbs (1.02 kN)	322 lbs (1.43 kN)	514 lbs (2.29 kN)	858 lbs (3.82 kN)
Outer wire	432 lbs (1.92 kN)	651 lbs (2.90 kN)	514 lbs (2.29 kN)	858 lbs (3.82 kN)
Maximum suggested working tension	2,300 lbs (10.23 kN)	3,400 lbs (15.12 kN)	4,150 lbs (18.46 kN)	6,950 lbs (30.92 kN)
Weight	70.6 lb/Kft (105.2 kg/km)	104.2 lb/Kft (155.0 kg/km)	127.1 lb/Kft (189.1 kg/km)	207.6 lb/Kft (308.9 kg/km)
Diameter tolerance	± 2%	± 2%	± 2%	± 2%
Calculated stretch coefficient	2.85 ft/Kft/Klb	1.80 ft/Kft/Klb	1.70 ft/Kft/Klb	1.10 ft/Kft/Klb

Dycam

Easy and efficient, Camesa Dycams feature Galvanized Extra Improved Steel and are compacted with the latest compacting roller systems to eliminate shavings.



	3/16"	7/32"	1/4"	5/16"
CONSTRUCTION	1x19 (1-9-9)	1x19 (1-9-9)	1x19 (1-9-9)	1x19 (1-9-9)
Outside diameter	.188" (4.78 mm)	.219" (5.56 mm)	.250" (6.35 mm)	.313" (7.9 mm)
Center wire diameter	.056" (1.42 mm)	.066" (1.68 mm)	.076" (1.93 mm)	.096" (2.43 mm)
Inner Layer - right lay				
Number of wires	9	9	9	9
Wire diameter	.027" (0.69 mm)	.032" (.81 mm)	.038" (0.97 mm)	.045" (1.14 mm)
Outer layer - right lay				
Number of wires	9	9	9	9
Wire diameter	.049" (1.24 mm)	.056" (1.42 mm)	.066" (1.68 mm)	.080" (2.03 mm)
MECHANICAL CHARACTERISTICS				
Breaking strength	6,400 lbs (28.44 kN)	8,600 lbs (38.25 kN)	11,000 lbs (48.93 kN)	15,900 lbs (70.73 kN)
Center wire	700 lbs (3.11 kN)	972 lbs (4.33 kN)	1,289 lbs (5.73 kN)	2,057 lbs (9.15 kN)
Inner wire	163 lbs (0.72 kN)	229 lbs (1.02 kN)	322 lbs (1.43 kN)	452 lbs (2.01 kN)
Outer wire	509 lbs (2.26 kN)	700 lbs (3.11 kN)	923 lbs (4.11 kN)	1,356 lbs (6.03 kN)
Maximum suggested working tension	3,200 lbs (14.23 kN)	4,300 lbs (19.13 kN)	5,500 lbs (24.47 kN)	7,950 lbs (35.36 kN)
Weight	87.7 lb/Kft (130.56 kg/km)	116.5 lb/Kft (173.4 kg/km)	162 lbs/Kft. (241.7 kg/km)	275.8 lb/Kft (410.4 kg/km)
Diameter tolerance	± 2%	± 2%	± 2%	± 2%
Calculated stretch coefficient	2.17 ft/Kft/Klb	1.28 ft/Kft/Klb	0.87 ft/Kft/Klb	0.80 ft/Kft/Klb

Next-gen mechanical wireline

Camesa has worked alongside customers like you to develop next-gen mechanical wireline designed to handle the unique challenges that demanding environments present – both in North America and overseas.

X3TM
Slickline

Stronger and more ductile, our all-new X3TM Slickline features a higher breaking strength, improved torsion, and industry-leading quality testing to ensure performance in demanding environments.

Think performance.
Think productivity.
Think Camesa.

Ready to take a deeper look
at your wireline?

Contact us at (281) 344-0905

or visit camesawireline.com to connect with a local representative.

