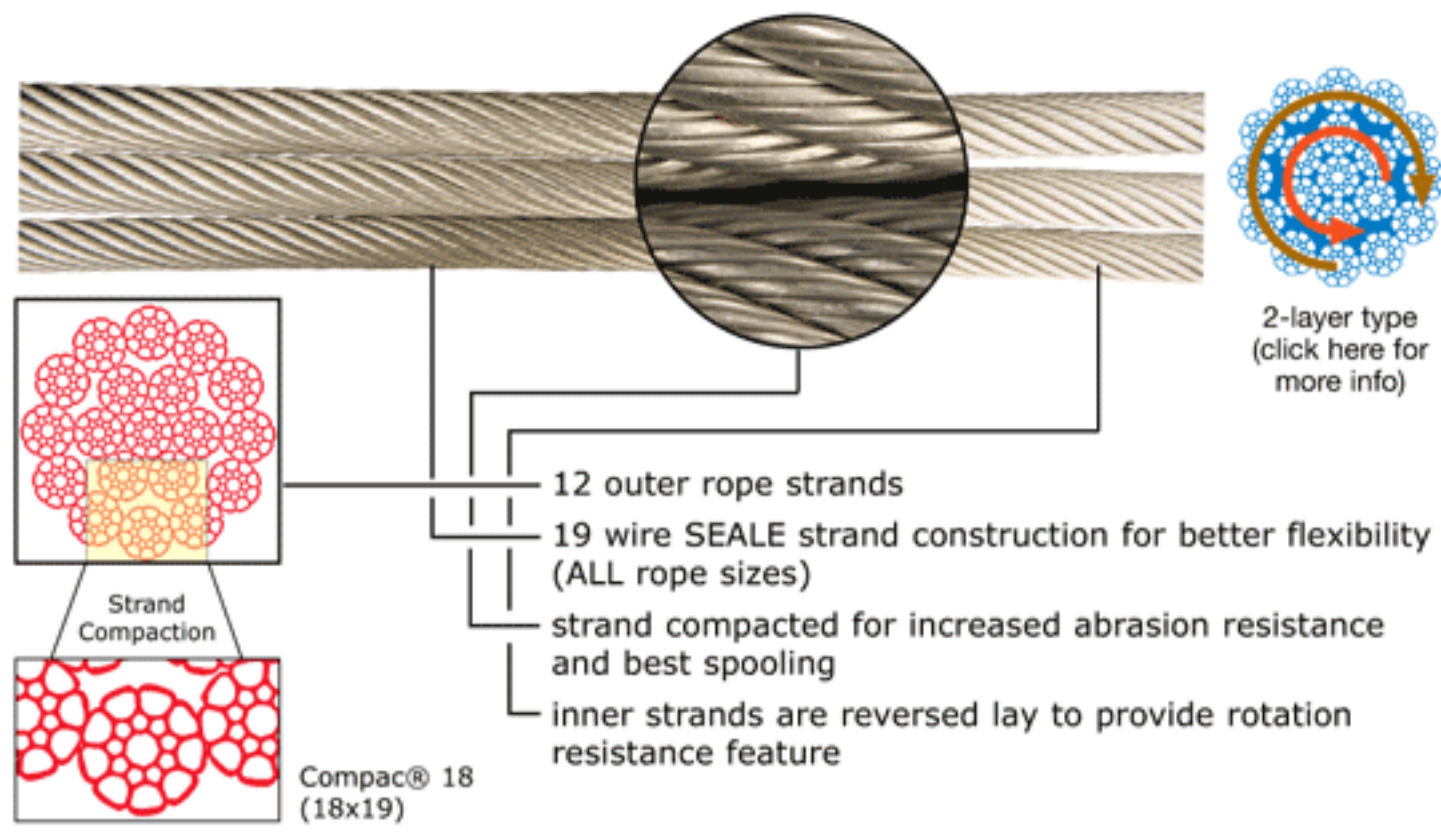


Enter Title

Python® Compac 18

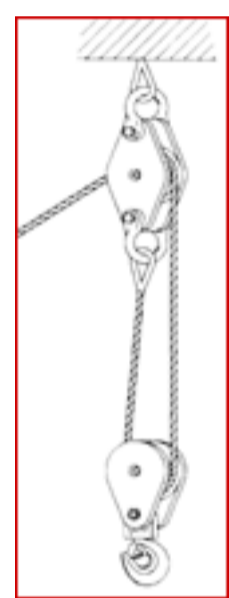


Main Applications:

Python® Compac 18 is recommended for both multipart load and single part applications where a medium rotational stability is needed. Use as main- and auxiliary hoist line on GROVE, LINK BELT, MANITOWOC, TEREX and other US made mobile- and truck cranes. Large lifting heights will require a tag line to prevent spinning of the load.

Also used very successfully as a pulling rope on underground cable pulling winches.

NOT recommended for construction tower cranes.



Rope Characteristic:

The compacting process (strand- or swage process, depending on rope sizes) creates a super smooth outer rope surface which has shown great improvements when working on multiple layer drums.

The super smooth rope surface makes this rope glide against each other as it spools into the next drum wrap; interlocking and the associated 'grinding' and mechanical damages between the strands are greatly reduced.

Python® Compac 18 wire ropes are more resistant to the effects of drum crushing than 19x7 due to the compacted strands and smoothness of the rope surface.

With 18 strands of 19 wires in all sizes, Python® Compac 18 remains extremely flexible and easy to handle.

Standard:

ASTM 1023/A 1023M - 09, Table 33

Do NOT use Python® Compac 18 wire rope attached to a swivel or have one or both rope ends rotate freely under load. Doing so will result in a loss of rope strength of between 30% to 40%.

Block Twisting (Cabling) will occur when used exceeding certain lifting heights. This is NOT a non-rotating rope. Call for advice

Python® Compac 18 ropes are ROTATION RESISTANT but NOT non-rotating (Class II)

Breaking Strengths

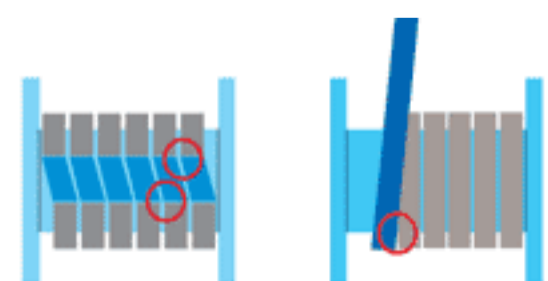
Note: The maximum CAPACITY, WORKING LOAD LIMIT (WLL), or LINE PULL of the rope usually is 1/5 of the below stated values. For specific information consult the standards applicable to your rope application.

Steel Wire Rope, Rotation Resistant, Compacted

Construction:
18 x 19 IWRC, compacted, bright, RRL

Python® Compac 18 is recommended where a medium rotational stability is needed. Use as main- and auxiliary hoist line on GROVE, LINK BELT, MANITOWOC, TEREX and other US made smaller mobile- and truck cranes. Larger lifting heights will require a tag line to prevent spinning of the load and/or block twisting.

NOT recommended for construction tower cranes.



The compacting process results in a very smooth rope surface greatly reducing abrasion and damage at the cross-over points and at the outside of the drum due to fleet angles.

Python Compac 18		
Rope Dia. (inch)	Nominal Strength tons of 2000 lbs EEIPS	Weight per foot lbs
3/8	8.3	0.31
7/16	11.2	0.42
1/2	14.6	0.55
9/16	18.5	0.7
5/8	22.7	0.86
3/4	32.4	1.24
7/8	43.8	1.69
1	56.9	2.21
1 - 1/8	71.5	2.79