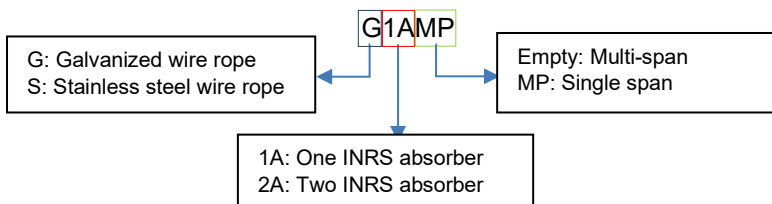


DESCRIPTION

The Travspring™ single-cable system is a proximity lifeline. It offers the possibility to manually cross intermediate anchors without disconnecting from the lifeline (except curves).

Versatile, the Travspring™ lifeline is available with galvanized or stainless-steel cable, and with one or two in-line energy absorbers.

The Travspring™ lifeline is available in different configurations and can be condensed using the subsequent abbreviation:



APPLICABLE STANDARDS

- EN 795:2012
- CEN/TS 16415:2013

ASSOCIATED AND COMPATIBLE PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Full-body harness
 - Shock-absorbing lanyard, retractable fall arresters or guided type fall arresters including a flexible anchor line
- All Tractel® PPE certified EN 360 and EN 353-2 rated 150kg are tested with the Travspring™ lifeline.
All lanyards certified EN 355 can be used with the Travspring™ lifeline.

TECHNICAL INFORMATION

Wire rope available in stainless steel or galvanized steel.

Multi users certified:

- 3 users 150kg
- 5 users 100kg.

Intermediate anchors are made in Cupro Aluminium with similar mechanical and corrosion properties to stainless steel 316L.

Maximum inclination of 15°.

SPAN

Depending on the configuration and the number of absorbers, the Travspring™ lifeline has the following spans between anchors.

Configuration	Single span MP		Multi-span	
	Min	Max	Min	Max
G1A & S1A	1.8 m	30 m	1.8 m	28.5 m
G2A & S2A	5 m	30 m	5 m	15 m

SYSTEM LOADING AND DEFLECTION

If you design, install, and use one of a Travspring™ lifeline according to the manual, the maximum force on end anchor, intermediate and corner kit will not be greater than the following values:

Configuration	Nb.	Maximum effort in the direction of the cable (kN)					
		G1A	G2A	G1AMP	S1A	S2A	S1AMP
Intermediate anchor	1 user	6			6		
	5 users	6			6		
Extremity anchor	1 user	8	7	6	8	7	6
	5 users	16	12	16	16	12	16
Curve kit	1 user	11	9		11	9	
	5 users	21	16		21	16	

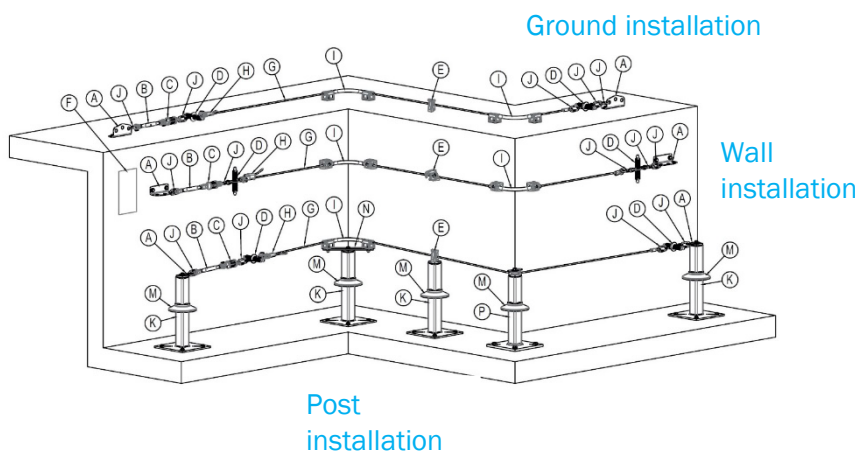
Efforts in every other direction are of 6 kN.

The maximum deflection will not exceed following values, according to span length:

Configuration	Length (m)	Nb.	Maximum deflection (m)					
			G1A	S1A	G2A	S2A	G1AMP	S1AMP
1 span for G1AMP and S1AMP	1.8	1 user	0.4				0.5	
		5 users	0.9				1.1	
	5	1 user	1.1		1.7		1.3	
		5 users	1.9		2.4		1.8	
Or 5 identical spans for other configurations	15	1 user	2.3		3.4		2.6	
		5 users	3.7		4.7		3.1	
	28.5	1 user	3.4				3.7	
		5 users	6.1				4.8	
	30	1 user					3.7	
		5 users					4.8	

Contact Tractel® for system deflection and site-specific loading.

MAIN COMPONENTS



Description	Code
A. End anchor for post	66698
End anchor for wall	66848
B. Tensioner	40742
C. Tension indicator	66858
D. INRS energy absorber	66688
E. Intermediate anchor	66868
F. Information plate	228745
G. Wire rope galva	238497
Wire rope stainless steel	277137
H. Wedge socket	193837
I. Corner kit	66878
J. Quick link connector	39822
K. Standard post	66888
L. Counter-plate for post	130995
M. Sealing membrane	129505
N. Corner plate	66998
P. Pulley post	68478

CONFIGURING A LIFELINE

Description	Code
Kit Travspring™ galva	276967
Kit Travspring™ stainless steel	276977
Start kit galva 5m	57252
Start kit stainless steel 5m	57262
Additional meter wire rope galva	238497
Additional meter wire rope stainless steel	277137
Additional information plate EN/FR/DE/NL/IT/SP	277127
Kit language EN/RU/PT/PL/DK	277227
Additional information plate EN/RU/PT/PL/DK	277237

When configuring a Travspring™ lifeline, the following components need to be selected:

- 1x Travspring™ kit, (includes tensioner, tension indicator, INRS absorber, information plate, wedge socket, quick links, instruction manual)
- 1x Start kit,
- 2x End anchors,
- The additional length of wire ropes (lifeline kit includes 5m of wire ropes),
- If applicable, the correct and compatible intermediate anchors,
- If applicable, the correct and compatible corner kits,
- If applicable, the corresponding posts,
- If applicable, 1 additional INRS absorber.

Example: Travspring™ with galvanized steel wire rope for wall application 45m with 1 INRS absorber (G1A).

Configuration:

1x	276967	Kit Travspring™ galvanized steel
1x	57252	Start kit galva 5m
2x	66848	Travspring™ end anchor for wall
40x	238497	Wire rope galvanized steel
1x	66868	Travspring™ intermediate anchor

The kits Travspring™ stainless steel and galva include the documentation and information plate in EN/FR/DE/NL/IT/SP.