

## STEEL WIRE ROPE:

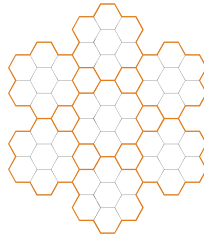


Zip Clip provide a higher grade of steel wire rope in order to deliver high performance when used in conjunction with a Zip Clip wire locking device. The higher grade delivers optimum hardness qualities which gives higher safe working loads.

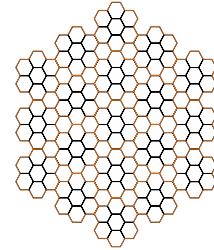
### CONSTRUCTION

Zip Clip produce two varieties of wire rope depending on the wire code.

The specification of the wire meets industry requirements and is manufactured in accordance with BSEN12385.



7 x 7 wire braids



7 x 19 wire braids

Independent Wire Rope Cores (IWRC)

WIRE CODE	ZINC COATING
G	8g/mm <sup>2</sup>
S	14g/mm <sup>2</sup>
Y	16g/mm <sup>2</sup>
P	18g/mm <sup>2</sup>
N	10g/m <sup>2</sup>

	CHEMICAL COMPOSITION %
C	0.59
Si	0.19
Mn	0.53
P	0.012
S	0.011
Cr	0.03
Ni	0.03

### GALVANISED WIRE

WIRE CODE	MBL OF WIRE ROPE	CONSTRUCTION	TENSILE STRENGTH
G	78kg	7x7 (6/1) RHRL	1960N/mm <sup>2</sup>
S	290kg	7x7 (6/1) RHRL	1960N/mm <sup>2</sup>
Y	645kg	7x7 (6/1) RHRL	1960N/mm <sup>2</sup>
P	1240kg	7x19 (6/1) RHRL	1960N/mm <sup>2</sup>
N	2804kg	7x19 (6/1) RHRL	1960N/mm <sup>2</sup>

### ANGULAR PERFORMANCE

The table below shows the effect on the Safe Working Load when working at an angle from the vertical when using the professional choice range.

WIRE CODE	VERTICAL	15°	30°	45°	60°
G	10kg	9.6kg	8.6kg	7.0kg	5.0kg
S	50kg	48.0kg	43.0kg	35.0kg	25.0kg
Y	120.0kg	115.2kg	103.2kg	84.0kg	60.0kg
P	230kg	220.8kg	197.8kg	161.0kg	115.0kg
LOAD	100%	96%	86%	70%	50%