

HOSE RESTRAINTS



Expanda Cable Stocking hose restraints by LB Wire Ropes are made from either stainless steel wire rope with copper ferrules or galvanised wire rope with aluminium ferrules.

Twin eye or offset eye at single end or double end provide flexible options to secure the hose restraint.



Type B Twin Eye Single End



Type R Offset Eye Single End



Type B Twin Eye Double End



Type R Offset Eye Double End

Size	Colour Code	Size Range OD* (mm)	Grip Length* (mm)	Overall Length* (mm)	ABL** (kg)			
					Galvanised		Stainless Steel	
					Standard	Heavy Duty	Standard	Heavy Duty
0.5	Blue	5-8	350	420	-	-	930	1680
1	Dark Green	8-12	400	550	1820	2490	1990	2750
2	Yellow	12-22	450	580	1820	2490	1990	2750
3	Orange	23-33	550	720	2430	3830	2810	3790
4	Purple	34-44	600	910	5010	7180	3970	5870
5	White	45-55	830	1050	5010	7180	3970	5870
6	Fluro Lime	56-66	950	1250	7110	9750	5430	8110
7	Black	67-82	1100	1370	7110	9750	5430	8110
8	Grey	83-100	1320	1600	10000	15070	10170	12900
9	Brown	100-130	1400	1700	13150	19240	15530	24070
10	Pink	130-180	1770	2250	17530	28070	15530	24070

* Standard nominal dimensions, variations can be manufactured to meet specific requirements.

** The approximate break load (ABL) is based on static destruct testing performed on the a nominal size cable within the respective restraint range and differs from the aggregate break strength (ABS) which is the sum of the minimum break load of the individual wires in the hose restraint. Hose restraints typically yield a break load lower than the ABS as the wires in combination behave differently compared to a straight line pull. It is recommended that a safety factor of at least 5:1 is applied to the ABL for normal risk operations. A higher safety factor should be considered for high risk operations.



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