



Zip Grip

ZipGrip® is a patented system to allow the installation of a pulling or holdback eye on various cylindrical or nearly cylindrical substrates. These units were primarily developed for use in the offshore pipe lay and umbilical installation and maintenance arena.

Yale Cordage started manufacturing our line of YaleGrips synthetic pulling and stopping grips more than 20 years ago, and they have been used successfully worldwide for the deployment of umbilicals, hard pipes, flex cables and armored cables. Our ZipGrip® design is based on the same successful platform, and it utilizes the Aramid grip stock in a new design, which not only decreases the overall grip length by approximately 75%, but also significantly increases the working load and distributes the compressive forces, preventing damage to the pipe's outer layers.

ZipGrip® lengths when installed are approximately 1/3 of the installed length of our time-tested YaleGrips product. As a guideline, the installed length is 19 times the pipe diameter.

Example pipe: 170 mm = 3,230 mm installed length.

ZipGrips® are very fast to install and even faster to remove. Install times are generally 10%–20% of a similar working load and diameter YaleGrips. They also require less application space because you are not dealing with extremely long tails. The installation zone needed is only about 10% longer than the installed length.

ZipGrips® can be installed on a coiled pipe or umbilical. No need to fully straighten it prior to installation.

Construction: Standard product is made with Technora®. Technora® Aramid fiber is high strength, low stretch, heat resistant and lightweight.

Installation/Removal: Quick and easy to install and remove; temporary or permanent; install at any point along the pipeline.

Uses: Pipe lay install or holdback; umbilical install or holdback; pipeline catenary float attachment.

US Patent No. 9,616,579 – Canada Patent No. 2,965,100 CN – UK Patent No.

Specifications														
Material Size Inches	Material Size mm	Minimum Cable Diameter at Given Work Load	Maximum Working Load 5:1 Lbs	Maximum Working Load 5:1 Kg	Color	Eye Size Inches	Eye Size mm	Example Cable Diameter	Installed Length Inches	Installed Length mm	Example Unit Weight Lbs	Example Unit Weight Kg	Estimated Installation Time Minutes	Estimated Removal Time Minutes
7/16	11	64	6,800	3,070	Red	6	15	100	75	1,910	2.0	0.9	6	2
9/16	14	71	10,400	4,700	Blue	6	15	150	113	2,870	4.6	2.1	8	2
11/16	17	79	14,400	6,530	Green	6	15	200	151	3,820	8.1	3.7	9	2
7/8	22	102	19,800	9,000	Orange	8	20	250	188	4,780	18	8.2	11	3
1	25	119	31,000	14,070	Yellow	8	20	300	226	5,740	34	15	13	3
1-1/4	32	145	43,200	19,610	Black	12	30	350	263	6,690	59	27	16	4
1-1/2	38	168	67,600	30,670	Red	16	41	400	301	7,650	112	51	19	5
1-3/4	44	241	84,000	38,090	Blue	18	46	450	339	8,600	192	87	23	6
2	51	277	111,500	50,570	Green	18	46	500	376	9,560	299	136	26	7
2-1/4	57	343	159,000	72,140	Orange	20	51	600	452	11,470	539	244	34	9
2-1/2	64	384	192,000	87,110	Yellow	24	51	630	474	12,050	731	332	37	9