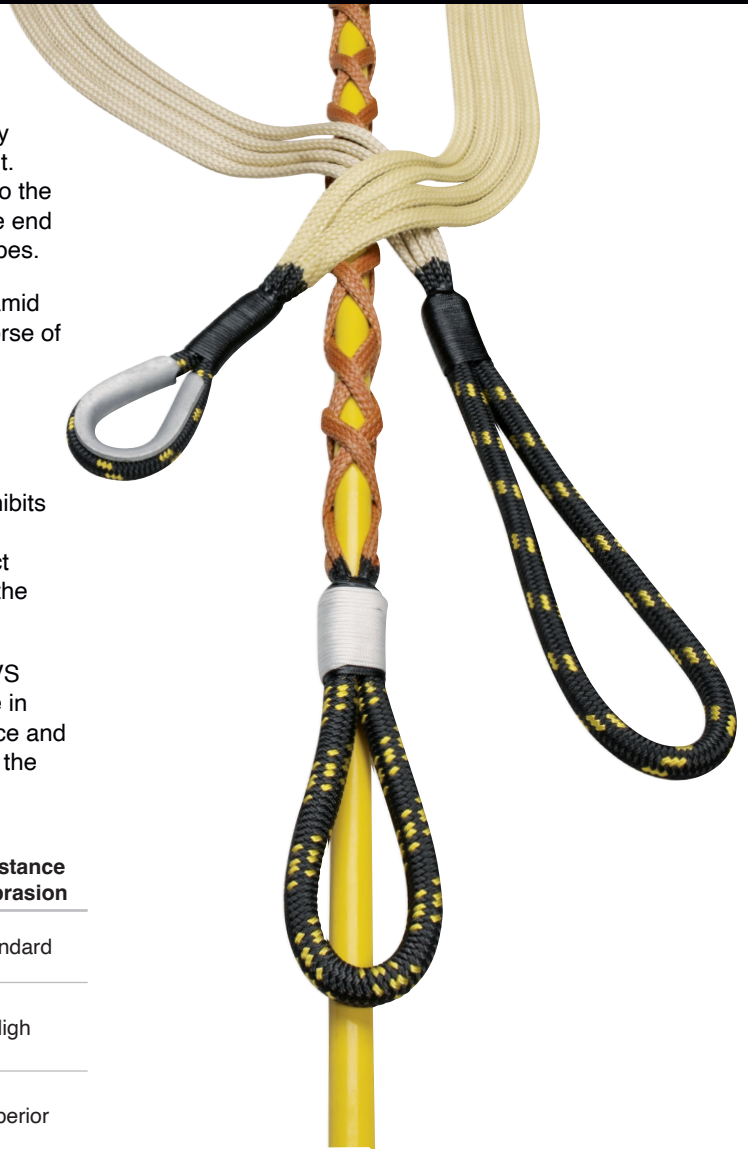# Grip. Pull. Lift
Cable Grips prevent cable and rope damage

Cable Grips (Stoppers) from Cortland can be used to grip many types of cables from large hydraulic umbilicals to small fiber optic cables. They can be used as a "quick fit" temporary attachments/tie-off points or used as a permanent attachment. Cable Grips are designed to minimize any external damage to the cable and can be fitted without the need to gain access to the end of the cable. Cortland offers Cable Grips in three standard types.

AS Grips Cortland AS Grips are manufactured with para-Aramid fiber. Aramid fiber Cable Grips are the 'tried and true' workhorse of many Oceanographic, Seismic, and Industrial applications.

TS Grips Teijin Technora® fiber is used to manufacture Cortland TS Grips. Technora® is a copolymer para-Aramid fiber with a 20% strength advantage compared to standard para-Aramids used in Cortland AS Grips. Technora® also exhibits a higher resistance to abrasion and very high temperature resistance. Cortland TS Grips provide a more durable product in demanding applications where the cable being gripped or the environment is at an elevated temperature.

 VS Grips When the application is highly dynamic, Cortland VS Grips, manufactured with Vectran® fibers, are the best choice in Cable Grips. Vectran® fibers have superior abrasion resistance and excellent dynamic loading durability. Cortland VS Grips have the same strength ratings as the Cortland TS Grips.

	Fiber	Benefits	Strength	Resistance to Abrasion
AS Grips	Kevlar or Twaron	Standard applications	Standard	Standard
TS Grips	Technora®	More durable applications	20% strength advantage vs standard	High
VS Grips	Vectran®	Extreme applications	20% strength advantage vs standard	Superior

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Cable Grips

The following tables should be used as a guide for selecting a Cortland Cable Grip. The cable size column is provided as a guide for choosing a standard length Cable Grip. Cortland Cable Grips will always be custom-sized to accommodate anticipated loads. If your cable is larger than the recommended sizes listed below, a custom Cable Grip with a longer tail length can be manufactured to suit your need.

AS (Aramid) Cable Grips Performance Data

| Part No. | Cable Size Range | | | | Average Break Strength | | Working Load | | Standard Tail Length | | Standard Eye Size | |
| | Minimum | | Maximum | | | | | | | | | |
	Inch	MM	Inch	MM	Lbs	KG	Lbs	KG	Ft	Mtr	Inch	MM
AS5K	3/16	5	1/2	13	5,000	2,273	1,000	455	5	1.52	6	152
AS10K	1/4	6	3/4	19	10,000	4,545	2,000	909	6	1.83	6	152
AS15K	3/8	10	7/8	22	15,000	6,818	3,000	1,363	7	2.13	6	152
AS25K	1/2	13	1	25	25,000	11,364	5,000	2,273	8	2.44	8	203
AS40K	5/8	16	1-1/8	29	40,000	18,182	8,000	3,636	10	3.05	8	203
AS60K	7/8	22	1-3/4	44	60,000	27,273	12,000	5,455	20	6.10	12	305
AS100K	1-1/8	29	3	76	100,000	45,455	20,000	9,091	26	7.62	16	406
AS120K	1-3/8	35	3-1/2	90	120,000	54,545	24,000	10,909	28	8.53	18	457
AS150K	1-1/2	40	4	100	150,000	68,182	30,000	13,636	34	10.36	20	508

TS (Technora®) and VS (Vectran®) Cable Grips Performance Data

| Part No. | Cable Size Range | | | | Average Break Strength | | Working Load | | Standard Tail Length | | Standard Eye Size | |
| | Minimum | | Maximum | | | | | | | | | |
	Inch	MM	Inch	MM	Lbs	KG	Lbs	KG	Ft	Mtr	Inch	MM
TS6K or VS6K	3/16	5	1/2	13	6,000	2,727	1,200	545	5	1.52	6	152
TS12K or VS12K	1/4	6	3/4	19	12,000	5,456	2,400	1,094	6	1.83	6	152
TS18K or VS18K	3/8	10	7/8	22	18,000	8,182	3,600	1,636	7	2.13	6	152
TS30K or VS30K	1/2	13	1	25	30,000	13,636	6,000	2,727	8	2.44	8	203
TS48K or VS48K	5/8	16	1-1/8	29	48,000	21,818	9,600	4,364	10	3.05	8	203
TS72K or VS72K	7/8	22	1-3/4	44	72,000	32,727	14,400	6,545	20	6.10	12	305
TS120K or VS120K	1-1/8	29	3	76	120,000	54,545	24,000	10,909	26	7.62	16	406
TS144K or VS144K	1-3/8	35	3-1/2	90	144,000	65,455	28,800	13,091	28	8.53	18	457
TS180K or VS180K	1-1/2	40	4	100	180,000	81,818	36,000	16,364	34	10.36	20	508

Color Codes For Cortland Cable Grips

Color Code:	AS	TS*	VS**
black with red tracers	AS5K	TS6K	VS6K
black with blue tracers	AS10K	TS12K	VS12K
black with green tracers	AS15K	TS18K	VS18K
black with white tracers	AS25K	TS30K	VS30K
black with yellow tracers	AS40K	TS48K	VS48K
all black	AS60K	TS72K	VS72K
black with wide red tracer	AS100K	TS120K	VS120K
black with wide blue tracer	AS120K	TS144K	VS144K
black with wide green tracer	AS150K	TS180K	VS180K

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