

# Cortland Stoppers

## *The Right Choice*

Whatever the job, Cortland Cable Company can provide the right choice in Stoppers (also known as Cable Grips). Cortland Stoppers can be used to grip many types of cables from large hydraulic umbilicals to small fibre optic cables. They can be used as a "quick fit" temporary attachment/tie off point or used as a permanent attachment. Stoppers are designed to minimise any external damage to the cable and can be fitted without the need to gain access to the end of the cable. Cortland offers Stoppers in three standard types. Consult with the Engineers at Cortland Cable when making a Stopper selection.

### AS Stoppers

Cortland AS Stoppers are manufactured with either DuPont Kevlar® or Teijin Twaron® Aramid fiber. Aramid fiber Stoppers are the "tried and true" workhorse of many Oceanographic, Seismic and Industrial applications.

### TS Stoppers

Teijin Technora® fiber is used to manufacture Cortland TS Stoppers. Technora is also an Aramid fiber but enjoys a 20% strength advantage compared to the Aramids used in Cortland AS Stoppers. Technora also exhibits a higher resistance to abrasion. Cortland TS Stoppers provide a more durable product in demanding applications.

### VS Stoppers

When the application is very demanding, Cortland VS Stoppers, manufactured with Vectran® fibers, are the best choice in Stoppers. Vectran fibers have superior abrasion resistance and excellent dynamic loading durability. Cortland VS Stoppers have the same strength ratings as the Cortland TS Stoppers. The more extreme the applications, the more Cortland VS Stoppers become the right choice.



**Cortland,  
CABLE**

[www.cortlandcable.com](http://www.cortlandcable.com)

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The following tables should be used as a guide for making the right choice in selecting a Cortland Stopper. The cable size column is provided as a guide for choosing a standard length Stopper. Cortland Stoppers should always be sized to accommodate anticipated loads. If your cable is larger than the recommended sizes, a special Stopper with longer tail length can be manufactured to suit your need.

Cortland Stopper Performance Data

**AS (Aramid) Stoppers**

Part #	Cable Size Range				Average Break Strength		Working Load		Standard Tail Length		Standard Eye Size	
	Minimum		Maximum		Lbs.	KG	Lbs.	KG	Ft.	M	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	25	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

Cortland Stopper Performance Data

**TS (Technora) and VS (Vectran) Stoppers**

Part #	Cable Size Range				Average Break Strength		Working Load		Standard Tail Length		Standard Eye Size	
	Minimum		Maximum		Lbs.	KG	Lbs.	KG	Ft.	M	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	1,091	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	25	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 Stoppers**

Color Code:	AS Stoppers	TS Stoppers*	VS Stoppers**
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

\*All TS Stoppers will have an additional Green tracer for material identification.

\*\* All VS Stoppers will have an additional Red tracer for material identification.



For more information or to get a quote, please contact:



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