



Synthetic Winch Ropes Comparison Chart

Make	Size / Diameter	Minimum Breaking Strength
MASTER-PULL® Superline® XD	7 / 16"	40,000lb.
MASTER-PULL® Superline®	7 / 16"	40,000lb.
MASTER-PULL® Winch Rope	7 / 16"	23,800lb.
Amsteel® Blue	7 / 16"	21,533lb.
Technora®	7 / 16"	23,000lb.
Vectran®	7 / 16"	21,000lb.
Plasma®	7 / 16"	21,000lb.
Spectra®	7 / 16"	14,800lb.
Wire cable	7 / 16"	17,600lb.
MASTER-PULL® Superline® XD	3 / 8"	26,500lb.
MASTER-PULL® Superline®	3 / 8"	26,500lb.
MASTER-PULL® Winch Rope	3 / 8"	18,000lb.
Amsteel® Blue	3 / 8"	17,640lb.
Technora®	3 / 8"	17,500lb.
Vectran®	3 / 8"	17,500lb.
Plasma®	3 / 8"	17,500lb.
Spectra®	3 / 8"	13,900lb.
Wire cable	3 / 8"	14,400lb.
MASTER-PULL® Superline® XD	5 / 16"	21,000lb.
MASTER-PULL® Superline®	May-16	21,000lb.
MASTER-PULL® Winch Rope	5 / 16"	13,000lb.
Amsteel® Blue	5 / 16"	12,330lb.
Vectran®	5 / 16"	11,700lb.
Plasma®	5 / 16"	11,700lb.
Spectra®	5 / 16"	9,000lb.
Wire cable	5 / 16"	9,800lb.
MASTER-PULL® Winch Rope	1 / 4"	8,400lb.
Amsteel® Blue	1 / 4"	7,740lb.
Vectran®	1 / 4"	8,000lb.
Plasma®	1 / 4"	8,000lb.
Spectra®	1 / 4"	6,000lb.
Wire cable	1 / 4"	7,000lb.
MASTER-PULL® Winch Rope	3 / 16"	5,500lb.
Amsteel® Blue	3 / 16"	5,400lb.
Vectran®	3 / 16"	5,500lb.
Plasma®	3 / 16"	5,500lb.
Spectra®	3 / 16"	3,600lb.
Wire cable	3 / 16"	4,200lb.