



LIFT CABLES

INFORMATION SHEET

OVERVIEW

Lift cables wrap around the driveline as it turns, providing the lifting force necessary to raise the bifold door. We believe that lift systems are more reliable, last longer, and are safer than other lift options. Our specialized cables have a fine weave and nylon core that are more flexible and less susceptible to damage. These cables have 18 braids with 7 strands per braid.

Another advantage of the Diamond Doors cable lift system is our simplified design. With almost no moving parts, and a system that prevents the cables from overlapping (which is the primary cause of cable failure), it's built for reliability and longevity. Our cables wrap consistently, every time.

Our 10:1 safety factor ensures that even if one, or multiple cables fail, your door will remain safely in place even while open. The added cables also help to better distribute the loads on the building.

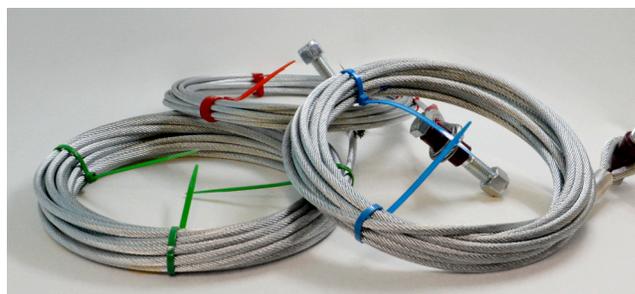
Finally, cables are a low maintenance lift system option. Because they have their initial stretch upon installation, they rarely need tensioning throughout their lifespan. When tensioning is required on a Diamond door, cables can easily be adjusted at ground level.

TECHNICAL SPECS

Safety Factor: 10x

Cable Type: FC-18x7

Cable Diameter: Dependent on door loads



FREQUENTLY ASKED QUESTIONS

Why does Diamond Doors use cables instead of straps?

Diamond Doors uses lift cables because we believe that our unique cable lift system makes them a safer, faster, and more reliable option than straps.

Concerns about cable lift doors include cable safety and reliability. These issues are commonly caused by cable overlap and an overly complicated cable system with many moving parts. However, our innovative cable lift system eliminates all cable overlap and unnecessary moving parts, preventing cable failure due to regular wear and tear.

Are lift cables easy to install?

Yes, our lift cables are very easy to install. Simply install the cable bushing at the top of the door, bring the cable down to the appropriate clamp on the driveline, and secure the cable underneath the tie-down clamp. This can be done in just a few minutes with equipment that you already have on hand.

How safe are bifold doors with lift cables?

Diamond bifold doors are built with industry leading safety standards and a 10:1 cable safety factor. This safety factor ensures that even if one, or multiple, cables fail, your door will remain securely in place even while open.

