090-0105
Control Cables

Tri*Mark*'s proven control cables provide a flexible connection between our handles, latches, locks and linkages for remote actuation. These are available in a wide variety of options that include lengths, mounting, terminations, fittings, retainer clips and adjustment features depending on the application requirements.

DESIGNED FOR:

- Remote connection between Tri*Mark* handles, latches, locks and linkages
- Light to heavy duty applications for on or off-highway entrance compartment doors
- Applications that require the transmission of forces in tension or compression

FEATURES/BENEFITS:

- Flexibility—easier to route cable in crowded/ complicated doors than rigid rods (X, Y, Z directions)
- Cables are less prone to emit noise from vibration and door slamming than rods
- All assembled cables are pre-lubricated with a low-temperature grease for smooth operation and long life
- Cables allow for common use in different door widths reducing SKUs compared to rigid rods (note that tight bends should be avoided in cable routing and that operating efforts can be impacted)
- Cables can be purchased pre-installed on the latch or handle and provided as a modular system or kit

AVAILABLE:

- In custom configurations and specific lengths to suit the application
- Tri*Mark* has multiple methods of mounting, terminations, fittings, retainer clips and adjust features depending on your application needs
- Optional spring return can provide additional assistance for linkage return
- Cables can be supplied pre-assembled and pre-adjusted for ease of assembly
- Standard and custom cable mounting brackets can provide for ease of installation into Tri*Mark* latches, handles, locks, and linkages
- Tri*Mark* has experienced engineering and technical staff available to review your product requirements and suggest the best solution for your application

MATERIAL/FINISH:

- High strength stainless steel or galvanized steel braided cable
- Sheathing—braided reinforced polypropylene/nylon (black in color) with acetal lining
- All steel components are zinc plated, clear chromate finish

INSTALLATION:

- Provides for easy assembly of door hardware/system
- The correct mounting of the cable is critical to assure that long life and efficiency is maximized. Every control cable should be securely mounted to ensure the inner cable continues to travel in a straight line to the point of actuation

System kits are available and include handles, latches, linkages and accessories to provide a comprehensive access solution.

Applications of this product may fall within the requirements of FMVSS 206 and SAE J839 safety standards. These safety related requirements are dependent on door application, e.g. front and rear hinged doors, sliding doors, or hinged upward swinging doors. The entire door hardware system must be included in the design/ analysis process: latch, handle, lock mechanism, cables/rods/ linkages, fasteners, hinges, etc. This ensures compatibility of all components within the hardware system. If FMVSS 206 is a requirement, then all of the components within the door system must comply with strength, inertia and locking requirements as specified with the Standard.

Note that use of control cables in FMVSS 206 applications requires full sheathing of the cable and securement of cable ends and routing to prevent inertia movement.

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