ARMADILLO® Stainless (Stainless for Vault Applications)

Vault Closure End-plate Measuring Procedures

The ARMADILLO Stainless Vault Closure consists of three major components, the Stainless shells and two end plates. One end-plate is utilized for the feeder cable and the other for the tip cables. Each of these components has an associated PLP part number and your company's ordering number (i.e., Material Code, TONE. PID, etc.).

The tip and feeder end-plates must be custom drilled to match the vault splice since a combination of sizes and pair counts are possible. Two measure tapes are required to determine the exact diameter needed for each cable entering the vault splice, a CABLE Mea-SURE™ Tape for the feeder cable and a CABLE Mea-SURE Tape for the central office tip/riser cables. A circumference measure tape may be substituted if either of the recommended tapes is not available. **Note:** any changes in measuring devices must be noted on the order form to insure proper fit of the cables

The CABLE Mea-SURE tape determines the size of the hole and the number of half-lapped layers of tape to make an air tight seal. This tape is identified by its alpha-numeric markings and index line/with arrow. **Note:** when completing the PLP Vault Closure Ordering Form, the blade size and number of half lapped layers of LOCK-TAPE™ indicated with the CABLE Mea-SURE tape must be indicated at its desired location within the end-plate circles shown on the form. Also, if applicable, one of the vault closure end plate designs shown on the Ordering Form can be referenced by circling the desired end plate design.

The following specifies the procedures for measuring the cables:

Feeder Cables

To obtain this measurement, the tape must be wrapped around the cable at the location where the end plate will be placed. The index line (labeled) must be viewed at a location where the alpha-numeric markings can be readily viewed. At this point the desired measurement may be obtained by wrapping the trailing end of the tape around the cable and recording the alpha/numeric designation that appears at this location. In the event that the index line falls on the line, read in the direction that the arrow points and use that figure as your measurement.

The presence of lead cables must be noted for each end-plate by placing an "x" in the square box shown below each end plate circle on the Ordering Form. Prior to taking the measurements on lead type cable, the lead sheath must be scuffed, 'C' cement applied and allowed to dry, and two half-lapped layers of LOCK-TAPE applied prior to measuring the cable.

Tip Cables

The tip CABLE Mea-SURE tape is designed to allow for the proper sealing of the space around the tip cables utilizing a silicone sealant. The closure may be pressurized to 5 psi if the tip cables have been properly measured and the silicone sealant has cured.

The tip cable procedure is similar to the feeder cable measuring procedure with the exception of the type of CABLE Mea-SURE Tape being used. The tip cable tape is in numeric form.

To obtain this measurement, place the CABLE Mea-SURE tape on the cable with the index line (labeled) in a position on the cable that can be readily viewed. Wrap the trailing end of the tape around the cable, lining up the numeric designation with the index line. This is the size of the tip cable.

In the event that the index line falls on a line between the numbers, read in the direction of arrow and select that measurement.

NOTE: Always measure several of the tip cables and average the readings if they vary less than three divisions. For example, if the measurements are, one cable measures 6, another one measures 7 and another one measures 8 and these figures are consistent on all cables, then it is reasonable to consider the average to be a number 7 for all tip cables. The averaging requirement is necessary due to the manufacturers design tolerances.

ARMADILLO® Stainless (with Urethane End Plates for Vaults)

ARMADILLO Stainless for New Construction in Vaults

For new construction in vaults a 36-hole urethane End Plate is available to provide the required fire resistance. The end plate will accommodate tip cables ranging from 0.88" to 1.06" in diameter. End Plate Plugs are available to seal unused holes.

Fire Retardant Closure Kits and Parts

Catalog Number	Description (mm)	Standard Carton Quantity
8006135	Regular PREFORMED Splice Case/Fire Retardant Closure; 9.5" (241) PREFORMED Splice Case with 8000398 End Plate Kit.	1 Kit
8006136	Regular PREFORMED Splice Case/Fire Retardant Closure; 9.5" (241) PREFORMED S-T-R-E-T-C-H Splice Case with 8000398 End Plate Kit.	1 Kit
*	Fire Retardant Closure Replacement Kits to include a PREFORMED Splice Case, Fire Retardant feeder cable End Plate and Four-Section or Six-Section End Plate.	1 Kit
8000387	9.5" (241) Fire Retardant End Plate Kit (includes 2 Two-section End Plates).	1 Kit
8006190	9.5" x 38 (241 x 965) PREFORMED Splice Case with 8000398 End Plate Kit.	1 Kit
8006191	9.5" x 45 (241 x 1143) PREFORMED Splice Case with 8000398 End Plate Kit.	1 Kit
8003053	12.5" (318) PREFORMED Two-section Fire Retardant End Plate. For Fire Retardant Closure application only.	1 Kit
8003033	Flame Retardant Tape Kit, 1½" wide x 9 yards (38 x 8230)	1 Kit

*These are customized Fire Retardant Closure Replacement Kits with End Plates that are pre-drilled at the factory. The catalog numbers are also specially formulated to completely describe each custom order. Consult with your local PREFORMED representative, distributor or contact the factory directly for more information

Note: For 12.5" requirements, consult the factory.