

TEFLOCK™ LOCKED JACKET CONTROL CABLE LINER

Markel TEFLOCK™ Locked Jacket AR-650™ Abrasion Resistant, Anti-Friction Control Cable Liner is a PTFE based liner with a nylon jacket that is “locked” to prevent rotation of the liner inside of the jacket. Grooves are formed on the surface of the liner during extrusion. Nylon flows into the grooves as the jacket is extruded over the liner.

AR-650™ Liner is the industry premier liner in terms of efficiency, load bearing capability and life cycle expectation. AR-650™ Liner replaced the original industry standard AR-500™ Liner. It can be used with or without a silicone lubricant.

APPLICATIONS

The locking of the liner inside of the jacket is most useful when short lengths of control cable are manufactured. Stress induced by twisting of the liner during fabrication of the cable is eliminated.

CHARACTERISTICS

Markel TEFLOCK™ Jacketed Control Cable Liner provides the same anti-slip-stick performance of the basic AR-650™ Liner with the additional benefit of improved processing of short lengths of control cable. See data sheet for AR-650™ Liner performance characteristics.



KEY BENEFITS

- Liner and Jacket are “Locked”
- 90% Average Efficiency
- Ultimate Life >1,000,000 cycles
- Service Temperature 135 °C
- Flame Rating UL 94 HB

JACKET CHARACTERISTICS	NYLON 6/6
Specific Gravity	1.14
Melt Point, °C	260
Tensile Strength @ Yield, MPa (psi)	84.4 (12,300)
% Elongation @ Break	90
Flex Modulus, MPa (psi)	2827 (410,000)
Cold Brittleness Temp., °C	-40