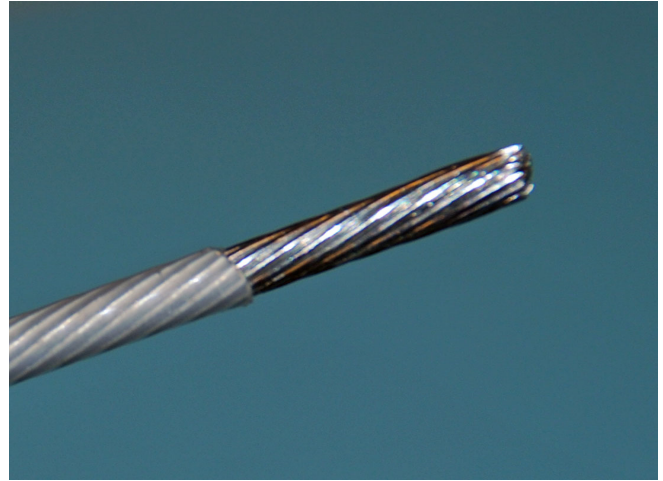


ARC-240™ CONTROL CABLE CORE WIRE

DESCRIPTION

Markel ARC-240™ Abrasion Resistant Anti-friction Control Cable Core Wire is stranded steel jacketed with a plastic resin that has a proprietary slip agent designed to enhance cycle life under moderate loads at a continuous operating temperature of 135 °C (275 °F).



APPLICATIONS

ARC-240™ Core Wire is targeted for applications requiring long life cycle with reduced backlash compared to bare wire.

KEY FEATURES

- Markel ARC-240™ Anti-Friction Core Wire is self-lubricated.
- Improved “slip-stick” compared to other low cost materials.
- Continuous operating temperature 135 °C.
- Operates in difficult routings at moderate loads.

PERFORMANCE CHARACTERISTICS

PROPERTY	TEST METHOD	PERFORMANCE
Flexural Modulus, 23 °C	ASTM D-790	122,000 psi (841 MPa) 50% RH 475,000 psi (3276 MPa) dry*
Notched Izod Impact Strength, ft-lb/in	ASTM D-648	3.0
Hardness, D Scale	Shore	95
Heat Deflection Temp.	ASTM D-648 at 264 lbs/in ² at 66 lbs/in ²	176 °F / 80 °C 374 °F / 190 °C
Specific Gravity	ASTM D-792	1.13
Flammability (UL Rating)	UL-94	HB

* The flexural modulus for PTFE at 23 C is 75,000 psi (590 MPa)

All materials of construction are warranted to meet specification and certified to be made from top quality resins without PFOA surfactant.