

Longstanding Medium-Voltage Performance and Reliability with EVERY Pull — Uniblend® LF

Enhanced for Pulling Longer, Faster — Uniblend® LF (Low-Friction) MV-105

Uniblend®, the same brand you've known and trusted for nearly 50 years, now features a **Low-Friction** PVC jacket for ease of installation. Uniblend® LF is specifically designed to improve installation even under the most difficult conditions.

With up to a 45% reduction in coefficient of friction, Uniblend® LF delivers the most efficient, cost-effective performance for even the most critical and difficult installations.

Conductor:

- Copper compact Class B stranding provides excellent electrical stability
- *Aluminum compact Class B STRANDFILL® blocked for longitudinal water penetration resistance*

EPR Insulation:

- Developed and produced at our state-of-the-art, in-house design and compounding facility, ensuring the highest quality, reliability and consistency
- Our ultra-clean EPR exhibits excellent heat and moisture resistance, flexibility for easy handling, high dielectric strength, low dielectric loss, and electrical stability under stress

Triple Layer Extrusion:

- Simultaneous extrusion of strand shield, insulation and insulation shield combine to form a virtually perfect cable core

Metallic Shield:

- 5 mil copper tape with 25% overlap insures better shield integrity during rigorous installations as well as providing superior short circuit performance

Jacket:

- Low-Friction, lead-free PVC jacket offers lower coefficient of friction for ease of installation, as well as excellent heat, moisture-, chemical- and flame-resistant properties

Uniblend® LF — Performance and Reliability with EVERY Installation

Uniblend® LF, 5 - 35 kV Single Conductor (Copper or Aluminum), EPR/Copper Tape Shield/Low-Friction PVC Jacket — UL Type MV-105

SPEC 6155: CU Cond., 5 kV 133% and 8 kV 100%
Insulation Levels, 115 Mils

SPEC 6160: AL Cond., 5 kV 133% and 8 kV 100%
Insulation Levels, 115 Mils

SPEC 6355: CU Cond., 15 kV 133%
Insulation Level, 220 Mils

SPEC 6360: AL Cond., 15 kV 133%
Insulation Level, 220 Mils

SPEC 6555: CU Cond., 25 kV 133% and 35 kV 100%
Insulation Levels, 345 Mils

SPEC 6560: AL Cond., 25 kV 133% and 35 kV 100%
Insulation Levels, 345 Mils

SPEC 6655: CU Cond., 35 kV 133%
Insulation Level, 420 Mils

SPEC 6660 - AL Cond., 35 kV 133%
Insulation Level, 420 Mils

Uniblend® LF, 5 - 35 kV Three Conductor (Copper only), EPR/Copper Tape Shield with Overall Low-Friction PVC Jacket — UL Type MV-105

SPEC 6255: CU Cond., 5 kV 133% and 8 kV 100%
Insulation Levels, 115 Mils

SPEC 6455: CU Cond., 15 kV 133%
Insulation Level, 220 Mils

SPEC 6605: CU Cond., 25 kV 133% and 35 kV 100%
Insulation Levels, 345 Mils



Uniblend® LF — Your Clear MV-105 Choice

Through world-class manufacturing and engineering, General Cable is committed to using materials with the best overall properties to create the most comprehensive line of industrial power cables so that you get the right design for your application — no matter what the challenge.

In keeping with that commitment, Uniblend® LF MV-105 industrial cables offer the following:

Ideally suited for a broad range of performance-demanding applications where reliability is the major concern

Ease of installation, even in the most demanding environments

Compatible with all standard splice and termination kits

For use in conduit, open tray and underground duct installations

Meets requirements of UL 1072 for Type MV-105 Cables



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