

Mag Cable for MPI Bench & Prod Type Inspection

Product Description:

The **Mag Cable** is a **high-performance, heavy-duty cable** specifically designed for **Magnetic Particle Inspection (MPI) Bench Units and Prod-Type Inspection**. It is engineered to handle **high-current applications** while ensuring **efficient electrical conductivity and durability**. The cable is built with a **high-conductivity copper core** and **robust insulation** to withstand harsh industrial environments.



Key Features:

- ✓ **Designed for MPI Benches & Prod-Type Inspection** – Ensures optimal performance in **both wet and dry MPI testing**.
- ✓ **High Current Capacity** – Supports **0-8000A** to meet various MPI system requirements.
- ✓ **Heavy-Duty Insulation** – Resistant to **heat, oil, chemicals, and mechanical wear** for long-term durability.
- ✓ **Flexible & Durable** – Allows easy maneuverability while maintaining strength and resilience.
- ✓ **Custom Lengths Available** – Available in **various lengths** to suit different testing setups.

Technical Data Sheet

Parameter	Specification
Application	MPI Bench & Prod-Type Magnetic Particle Inspection
Core Material	High-Conductivity Copper
Insulation Type	Heavy-Duty Rubber / High-Temperature PVC
Cable Length	Standard: 3m, 5m, 10m (Custom lengths available)
Current Capacity	Typically 100A – 1000A (varies by model)
Voltage Rating	Up to 600V
Temperature Range	-20°C to 120°C
Flexibility	Highly Flexible for Easy Handling
Resistance	Heat, Oil, Chemical, and Abrasion Resistant
Compliance	ASTM E709, ASTM E1444, ASME Section V

Applications:

- ◆ Magnetic Particle Testing (MPI) Benches
- ◆ Prod-Type MPI Inspection
- ◆ Automotive, Aerospace, and Structural Testing
- ◆ Oil & Gas Pipeline & Weld Inspections