

**PROVEN
PERFORMANCE**

Brand Rex
BRAND

QUIK-PREP™ M24643 Power Cable

General Cable's years of dedication to material development and military engineering expertise was called to action by a key military-contracted shipyard to develop an innovative power cable that would meet the stringent standards of M24643 with quantifiable cable preparation materials and labor cost savings.

General Cable's QUIK-PREP single and multi-conductor power cables are specified as The Preferred Method and approved by NAVSEA for compliance to M24643/14, 15, 16, 17, 19 and 22.

QUIK-PREP power cables feature timesaving ripcords that facilitate stripability of the outer jacket and an innovative cost saving extruded skin over the insulated taped conductors. The extruded skin serves in place of the synthetic tubing required by NAVSEA installation specifications. This engineered cable design is quicker, easier and safer to prepare and terminate.

Extruded skin:

- Eliminates the need for costly preparation materials such as synthetic tubing, insulating varnishes and phase markers
- Significant reduction of man-hours in preparation time correlates to drastically lower overall labor costs
- Preparation process with the extruded skin construction is an environmentally safer procedure
- Overall construction enhances the integrity of the cable insulation system for more reliable performance

Rip Cord:

- Effectively separates jacket from water tight cable core for easier stripability and quicker cable preparation time
- No longitudinal scoring is needed, which means no damage to the underlying conductor insulation system eliminating repair time and cost
- Increased operator safety as a result of minimal use of cutting tools

General Cable's QUIK-PREP is an environmentally sound M24643 power cable providing affordability through lower installation costs while still providing reliable performance.

**Demand the cable that
stands the test of time...
insist on General Cable's
QUIK-PREP power cables**

 **General Cable**

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M24643/14, 15, 16, 17, 19, 22

QUIK-PREP™ Construction Print Method 1

Installation Procedure Primary Operations

- 1 Rip** > dual rip cords are pulled to separate jacket from core
- 2 Strip** > component insulation is stripped back for conductor ends to accept lug
- 3 Terminate** > terminate components per specification

QUIK-PREP™ Cable Construction greatly reduces total installed cost per cable termination

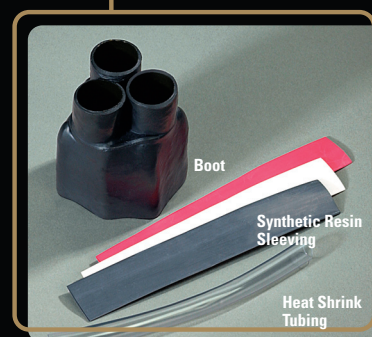


M24643/14, 15, 16, 17, 19, 22

Conventional Construction Print Method 5

Installation Procedure Primary & Secondary Operations

- 1 Cut & Strip** > score and cut back the jacket from the core using a knife
- 2 Strip** > component insulation is stripped back for conductor ends to accept lug
- 3 Sealing Sheath of Conductors** > synthetic resin sleeving or heat shrink tubing is applied from the cable crotch to the end of the conductor
- 4 Phase Markers Applied** > for conductor ID
- 5 Seal Cable End** > seal cable crotch area with heat shrink boot or varnish
- 6 Terminate** > terminate components per specification



Conventional Cable Construction significantly increases total installed cost per cable termination