3M™ Armorcast Sheath Repair and Structural Strengthening Material 4560 Series

3M™ Armorcast Structural Material is packed (rolls) dry in a sealed foil envelope and is a flexible fiberglass knit fabric strip that has been saturated with a curable black urethane resin syrup that starts to cure when water is added. Once wet, the fiber strip becomes tacky and sticks to itself, so it wraps easily around almost any shape or size. Armorcast Structural Material is resistant to moisture, fungus, acid, alkali, ozone, sunlight, gasoline and high temperatures. It combines long life and very little maintenance. 3M™ Armorcast Structural Material is RoHS compliant.*

3M™ Armorcast Structural Material 4560 “Bulk” 5’, 10’, & 15’

Sheath Repairs

Armorcast Structural Material is an ideal solution for sheath repairs as well as repairs to lead auxiliaries since it creates an air-tight, permanent bond when combined with Scotch® Vinyl Mastic VM Tape and 3M™ Scotchrap™ All Weather Corrosion Protection Vinyl Tape 50. The tacky fiberglass reinforced material adheres both to itself and to polyethylene or lead. Since Armorcast Structural Material does not require a flame, electricity, or chemicals this is an ideal product to use in most hazardous environments, including manholes and vaults. There are no costly tools, mechanical ties, rails, or clips required, resulting in low cost of ownership.

3M™ Armorcast Sheath Repair Kit 4561

Versatile Structural Strengthening

Armorcast Structural Material is perfect for strengthening old cable, splices and auxiliary seals. No reworking is required, it’s ready to wrap straight from the package. Armorcast Structural Material is fast and easy to apply, yet hardens to a strong, maintenance-free coating. The fiberglass reinforced composite material forms a tough, durable covering that will harden in approximately 30 minutes and fully cures in 24 hours. Armorcast Structural Material can be used on pressurized or non-pressurized cable and either polyethylene or lead sheathed cable.

3M™ Armorcast Structural Material Cable Compatibility

- Coaxial, copper, fiber cable types
- Pressurized and non-pressurized cable
- Polyethylene or lead sheathed cable

3M™ Armorcast Sheath Repair and Structural Strengthening Material 4560 Series

Features	Benefits
No tools or power source needed	• Eliminates cost of tools and searching for electricity; just add water
3M™ Armorcast Structural Material can be used in aerial, buried, and manhole applications	• Versatility of using one product for various network types • One stock number for inventory management
Can be used for sheath repair (with 3M™ Scotchrap™ All Weather Corrosion Protection Vinyl Tape 50 & Scotch® Vinyl Mastic VM Tape) or to strengthen existing old cables or splices	• Less expensive option than replacing an entire closure and less time needed in the field to install product
Armorcast is resistant to moisture, fungus, acid, alkali, ozone, sunlight, gasoline and high temperatures	• Long life and very little maintenance; low cost of ownership

Kits Contents

Product	Contents
3M™ Armorcast Structural Material 4560 "Bulk" 5', 10', & 15'	• 4" x 5', 10' & 15' rolls Armorcast (100 mm x 1.52 m, 3.04 m & 4.57 m) • 5 pairs of gloves • Instruction manual
3M™ Armorcast Sheath Repair Kit 4561	• 4" x 15' roll of Armorcast • 1 roll 3M™ Scotchrap™ All Weather Corrosion Protection Vinyl Tape 50 2"x100' (50 mm x 30 m) • 1 roll Scotch® Vinyl Mastic VM Tape 4" x 10' (100 mm x 3 m) • 1 pair of gloves • Instruction manual

Ordering Information

Product Number	Product Description	Stock Number	MOQ
4560-5	Armorcast Structural Material (Bulk, 5')	80-6109-3256-0	5
4560-10	Armorcast Structural Material (Bulk, 10')	80-6109-3254-5	5
4560-15	Armorcast Structural Material (Bulk, 15')	80-6109-3255-2	5
4561	Armorcast Sheath Repair Kit	80-6109-3257-8	1

*RoHS: compliant with EU RoHS Directive (2005/95/EC)
"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

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