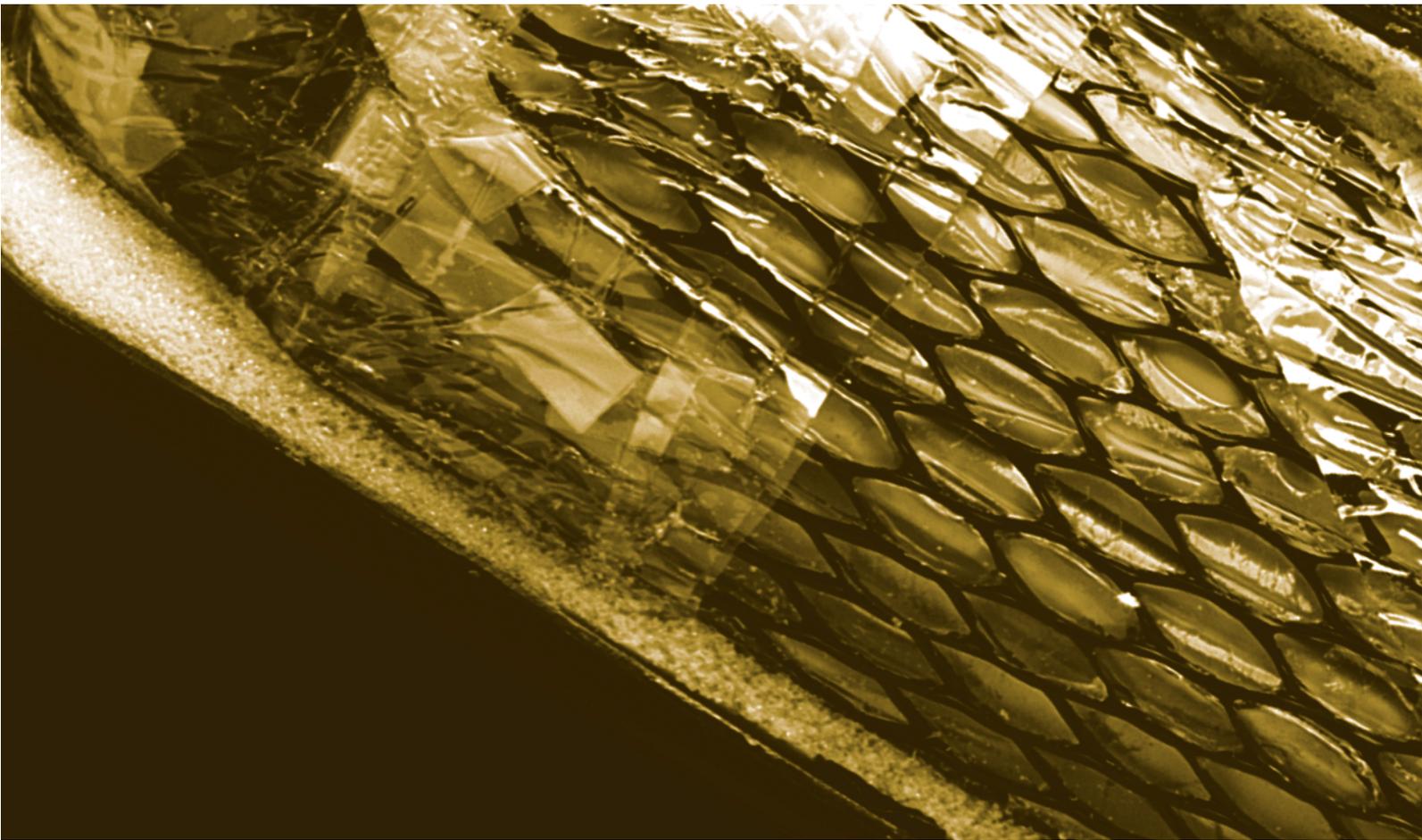




# Foam Sealed Closure with Compound Compression



3M™ Foam Sealed Closure with Compound Compression encloses cable plant splices in direct buried, hand hole and manhole applications. They also protect cable splices from environmental elements found in these applications and enclose a variety of cable configurations. The foam sealed closures are also used to easily accommodate distribution drops from the main cable.

The foam filled closures range from 25 to 2,700 pair and are designed for enclosing spliced connections of communication cables in buried and underground applications. The foam sealed closures are used in the construction and maintenance of buried and underground PIC- or PIC-filled cables in conjunction with the compound compression method of encapsulating a splice joint.

### UNSURPASSED RELIABILITY WITHOUT THE FLAME

Foam sealed closures utilize a compound compression method to apply pressure to the re-enterable encapsulant, which eliminates core water intrusion. The foam sealed closure consists of a compound compression filled splice with a polyethylene body over wrapped with 3M™ Armorcast™ Structural Material for structural strength and splice protection.

3M™ Scotchcast™ Expandable Sealant 4411 is used to fill the void between the closure body and the compound compressed splice. The expandable foam adheres to the closure body, the E-Z overwrap and the cable sheath, providing a watertight barrier around the splice and cables entering the closure.

Foam sealed closures deliver unsurpassed reliability without the need for a torch or any special tool. The closure material and components are resistant to acid base, kerosene and other cable filling compounds.

All foam sealed closures accommodate multiple cables as well as single cables IN and OUT.

### LESS TIME, LESS SPACE, LESS MONEY

Foam sealed closures can be assembled with a minimal number of parts and come in a complete kit, reducing both training and installation times. And because the foam sealed closures do not require a heat source, they can be used in restricted areas and confined spaces.



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## FEATURES AND BENEFITS

Few loose parts	Easy assembly and improved productivity
No heat required	Eliminates safety concerns
Adjustable closure diameter	Minimizes compound usage and total cost
Tough outer shell	Can be used in harsh environments
Rigid body closure	Easy re-entry, physical strength
Rigid bonding assembly	Increased physical strength, provides more support to the cable
Chemical resistant	Compatible with materials commonly found in the telecom environment
Can be cut with a zip cord	Easy re-entry, saves time
Can be extended easily	No need to stock different sizes
Complete kit	No need to order individual parts, reduces total cost

## ORDERING INFORMATION

Product Number	Splice Bundle Diameter mm (in.)	Maximum Splice Opening mm (in.)	Closure Length End-To-End mm (in.)	3M™ MS2™ 4000 DWP Module Splice Maximum	3M™ Scotchlok™ UY2 Connector Splice	Approx. Compound Required ml (g)
FSC 2x12	31 (1.3)	228 (9)	90 (15.3)	0	25/22	165 (150)
FSC 3x12S	50 (2)	255 (10)	546 (21.5)	100/24	75/24	385 (350)
FSC 3x12L	76 (3)	255 (10)	546 (21.5)	200/24	200/24	769 (700)
FSC 3x19	76 (3)	430 (17)	724 (28.5)	400/24	400/24	1,648 (1,500)
FSC 3x21	76 (3)	533 (21)	838.2 (33)	400/24	400/24	1,868 (1,700)
FSC 4x19	100 (3.9)	430 (17)	724 (28.5)	600/24	600/24	2,473 (2,250)
FSC 4x21	100 (3.9)	533 (21)	838.2 (33)	600/24	600/24	2,857 (2,600)
FSC 6x19	145 (5.7)	480 (19)	775 (30.5)	1,200/24	1,200/24	5,769 (5,250)
FSC 8x19	190 (7.5)	480 (19)	775 (30.5)	2,400/26	2,400/26	8,242 (7,500)
FSC 8x19L	190 (7.5)	480 (19)	775 (30.5)	2,700/26	2,700/26	9,890 (9,000)

## COMPLETE KIT COMPONENTS

Closure body assembly	Re-enterable encapsulant	Additional related products needed to complete this product: – Splicing connectors and external bonding kit (if necessary) – Encapsulant – E-Z wrap
Vinyl elastic wrap	Vinyl tape (non-isocyanate)	
Shield bond connector	Cable ties	
Bond strap	Foam collar tape	
Cleaning pad	Sheath scuff	
Protective gloves	Rip wires	
3M™ Armorcast™ material	Body web with liner	
Foam sealant		

To order, call 800/426 8688. For more information, please contact your local 3M representative.

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