



**ALLIED  
MOULDED  
PRODUCTS, Inc.**

**YOUR TRUSTED SOURCE**  
NONMETALLIC ENCLOSURES & ACCESSORIES

# ULTRAPLUG®

Enclosure Hole Seal Assemblies

Base P/N AMHS

ULTRAPLUG® hole seals are designed to plug and seal unused holes in metallic, aluminum and nonmetallic enclosures. They fit a wide range of sizes, so there is no need for restrictive hole-centering spacers.

The self-centering, anti-rotational design ensures quick and simple one-person nut assembly and no tools are required for tightening and maintaining a NEMA 4X enclosure rating.

To learn more, visit [ultraplug.alliedmoulded.com](http://ultraplug.alliedmoulded.com).



MADE IN  
USA



## Application

- Assembly designed to maintain applicable NEMA/UL/CSA enclosure ratings  
\*Note: For use on flat smooth surfaces of Type 1, 3, 3R, 4, 4X and 12 enclosures
- Designed for use with wall thicknesses from 16 gauge through  $\frac{1}{4}$ "
- Designed for use with all metallic and nonmetallic enclosure materials
- Low profile interior nut and exterior plug saves valuable panel space
- Capable of sealing unused holes ranging in size from  $\frac{1}{2}$ " to 4- $\frac{3}{4}$ "



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more about  
**ULTRAPLUG®**

## Construction

- Innovative plug "fins" have self-centering, anti-rotational design for fast and easy one-person plug assembly and no-tools tightening
- Plugs fit a wide range of hole sizes without the use of restrictive hole-centering spacers
- Patented design
- UL® listed and recognized component for use with CSA® listed enclosure products
- EN / IEC 60204-1 and 60529 Type IP66
- Molded polycarbonate material for a wide range of chemical compatible applications (with neoprene/EPDM gasket)

## Simple Installation

- Push and twist the plug into the hole, engaging the fins.
- Screw in and tighten the nut until the plug bottoms out on the substrate. Hand tighten only.



### Additional Accessories

Other available accessories include back panel kits, HMI Covers, inspection windows, vent kits, pole mount kits, and much more!

### Custom Modifications

Custom holes and cutouts, along with polycarbonate viewing windows are available. Contact factory for additional modification options.



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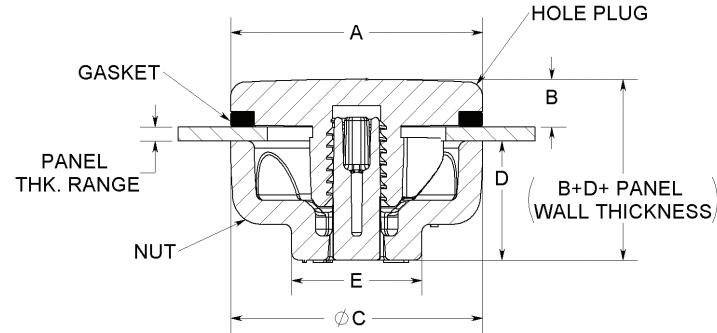
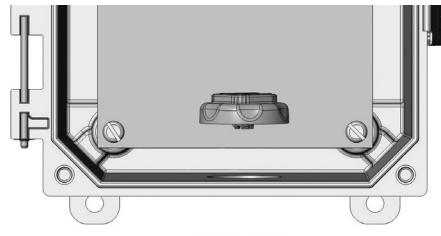
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# Hole Seal Assemblies

Allied Moulded's ULTRAPLUG® hole plug assemblies are for sealing unused holes in NEMA 4X enclosures made of many different substrates. They are available in two different colors to match your specific enclosure. The patented design features one-person assembly for quick and easy installation.

**ULTRAPLUG®**



Available in two standard colors:

RAL 7035 Light Gray  
ANSI 61 Dark Gray



Note: For use on flat smooth surface of NEMA Types 1, 3, 3R, 4, 4X and 12 enclosures.

P/N General Purpose Polycarbonate RAL 7035 Light Gray	P/N General Purpose Polycarbonate ANSI 61 Dark Gray	Trade Size Ref. (nom. In.)	Plugged Hole Dia. Range (In.)	Wall Thickness Range (In.)	A Plug Diameter (In.)	B Plug Head Height (In.)	C Nut Diameter (In.)	D Nut Height (In.)	E Across Flats (In.)
AMHSPL-S	AMHSPL-SGY	Pilot Light (.500)	.500-.624	.059-.250	1.120	0.235	1.060	0.500	0.545
AMHSPL	AMHSPL-GY	Pilot Light (.625)	.625-.812	.059-.250	1.120	0.235	1.060	0.500	0.545
AMHS050	AMHS050-GY	1/2" Conduit (.875) 22mm PB (.886)	.812-.937	.059-.250	1.245	0.235	1.185	0.500	0.605
AMHS075	AMHS075-GY	3/4" Conduit (1.109) 30mm PB (1.210)	1.000-1.312	.059-.250	1.620	0.235	1.560	0.500	0.945
AMHS100	AMHS100-GY	1" Conduit (1.375)	1.375-1.625	.059-.250	1.923	0.235	1.873	0.500	0.945
AMHS125	AMHS125-GY	1-1/4" Conduit (1.734)	1.687-1.875	.059-.250	2.183	0.235	2.123	0.500	1.195
AMHS150	AMHS150-GY	1-1/2" Conduit (1.984)	2.000-2.187	.059-.250	2.495	0.235	2.435	0.500	1.195
AMHS200	AMHS200-GY	2" Conduit (2.469)	2.500-2.75	.059-.250	3.120	0.235	3.060	0.750	1.291
AMHS250	AMHS250-GY	2-1/2" Conduit (2.969)	2.875-3.125	.059-.250	3.495	0.235	3.435	0.750	1.491
AMHS300	AMHS300-GY	3" Conduit (3.594)	3.500-3.750	.059-.250	4.120	0.235	4.060	0.750	1.491
AMHS350	AMHS350-GY	3-1/2" Conduit (4.125)	4.000-4.250	.059-.250	4.620	0.235	4.560	0.750	1.491
AMHS400	AMHS400-GY	4" Conduit (4.641)	4.500-4.750	.059-.250	5.120	0.235	5.060	0.750	1.491

Polycarbonate (PC) can be used as a substitute for carbon steel plug applications plus many stainless steel and other nonmetallic plug applications. Please check industry standard corrosion guides for additional application assistance.

