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> [Aexit PG9 Black Nylon Blanking Screw Cap End Threaded M15 Conduit Fittings Instruction Manual](#)

Aexit f190412ae162027

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PRODUCT OVERVIEW

These Aexit PG9 Black Nylon Blanking Screw Cap End Threaded M15 Conduit Fittings are designed to seal unused holes in electrical boxes, conduit, and other enclosures. They provide protection against water, dust, and debris, ensuring the integrity of your electrical systems. Made from durable UL approved nylon PA66, these fittings are suitable for a wide range of applications in general mechanical control boxes, distribution boxes, machines, and electrical appliances.



Image: A set of eight Aexit PG9 black nylon blanking screw caps, each featuring a threaded base and a flat top with a slot-like indentation, designed for sealing electrical conduits.

KEY FEATURES

- **Material:** UL approved nylon PA66, ensuring durability and safety.
- **Working Temperature:** Operates effectively in temperatures ranging from -40°C to +100°C.
- **Connection Type:** Secure threaded connection for reliable sealing.

- **Function:** Primarily used to plug holes, providing water resistance and protection against debris.
- **Versatility:** Suitable for general mechanical control boxes, distribution boxes, machines, and various electrical appliances.
- **Thread Size:** M15 x 8mm (PG9) with a 1.5mm thread pitch.
- **Total Size:** 19mm (Diameter) x 13mm (Height).
- **Package Content:** 8 pieces of blanking plugs.

SPECIFICATIONS

Attribute	Value
Product Name	Blanking Plug
Brand	Aexit
Material	Nylon PA66 (UL Approved)
Color	Black
Thread Size	M15 x 8mm (PG9)
Thread Pitch	1.5mm
Total Size (D*H)	19mm x 13mm (0.75" x 0.5")
Working Temperature	-40°C to +100°C
Net Weight (per piece)	Approximately 1.75g
Model Number	f190412ae162027

INSTALLATION INSTRUCTIONS

1. **Preparation:** Ensure the hole in the electrical box or conduit where the blanking plug will be installed is clean and free of debris. Verify that the hole diameter and thread type match the PG9 M15 x 8mm specifications of the plug.
2. **Insertion:** Carefully align the threaded end of the blanking plug with the opening.
3. **Tightening:** Hand-tighten the plug into the opening by rotating it clockwise. Ensure it is snug to create a secure seal. Avoid over-tightening, which could damage the threads or the plug.
4. **Verification:** Once installed, check that the plug is firmly seated and provides a complete seal against the ingress of water and debris.

Note: No special tools are typically required for installation. For optimal sealing, ensure the mating surface is smooth and clean.

USAGE

These blanking plugs are designed for sealing unused entry points in electrical enclosures, junction boxes, and conduit systems. Their primary function is to maintain the IP rating of the enclosure by preventing the entry of dust, dirt, moisture, and other environmental contaminants. They are ideal for applications where a cable gland is not required but a secure, protective seal is necessary.

- **Electrical Boxes:** Seal unused knockouts or entry points.

- **Conduit Systems:** Cap off open conduit ends or unused ports.
- **Control Panels:** Maintain enclosure integrity by sealing vacant holes.
- **Machinery:** Protect internal components from environmental factors.

MAINTENANCE

The Aexit PG9 Nylon Blanking Plugs require minimal maintenance. Periodically inspect installed plugs to ensure they remain securely in place and are not damaged.

- **Visual Inspection:** Check for any signs of cracking, degradation, or loosening, especially in environments with significant temperature fluctuations or chemical exposure.
- **Cleaning:** If necessary, clean the plugs with a damp cloth to remove dust or dirt. Avoid harsh chemicals that could degrade the nylon material.
- **Replacement:** If a plug shows signs of damage or is no longer providing a secure seal, replace it immediately to maintain the integrity of the enclosure.

TROUBLESHOOTING

- **Plug Does Not Fit:** Ensure the hole size and thread type (PG9 M15 x 8mm) are compatible with the blanking plug. Do not force the plug, as this can damage both the plug and the enclosure.
- **Loose Plug / Poor Seal:** Re-tighten the plug by hand. If it still feels loose, inspect the threads on both the plug and the enclosure for damage. A damaged thread may prevent a secure seal, requiring replacement of the plug or repair of the enclosure thread.
- **Plug Degradation:** If the plug shows signs of material degradation (e.g., brittleness, discoloration) prematurely, verify that the operating environment (temperature, chemical exposure) is within the specified limits (-40°C to +100°C).

WARRANTY AND SUPPORT

For warranty information or technical support regarding Aexit products, please refer to the retailer's return policy or contact Aexit customer service directly through their official channels. Keep your purchase receipt for any warranty claims.

Disclaimer: This manual provides general instructions. Always adhere to local electrical codes and safety regulations when installing or maintaining electrical components.