

DUST CAPS FOR FLAMEPROOF COUPLERS AND PLUGS

PRODUCT BROCHURE

OVERVIEW

Moulded from a high performance engineering plastic these dust caps are fitted to Ex d plugs and couplers to provide protection from mechanical damage, moisture and debris.

Ideal for use when disconnecting, relocating, transporting or storing cable mounted plugs and couplers.

The caps are a firm press fit with internal retaining grooves and wiping ring to clear the machined surfaces. These internal rings have sufficient flexibility to expand over the flamepath of the plug/coupler and grip the plug, effectively holding it in place.

A hole is provided on the top of each cap to allow fitting of a lanyard.

They are moulded from a thermoplastic vulcanizate. This is a fully cross-linked EPDM/PP compound which exhibits elasticity similar to that of rubber and moulds like plastic. It is well suited to provide mechanical protection of electrical components. This material has good resistance to heat ageing, water, weather, ozone and UV, excellent chemical resistance and is 100% recyclable.

FEATURES

- The material is elastic, so diameter and length are rounded in the table for ease of selection.
- The caps have internal rings which hold the cap to the flamepaths. A nominal 50mm cap will have rings producing an internal diameter of 48mm.
- The depth of the rings is between 0.7 and 1 mm. This provides a minimum retention force of 50N for all cap sizes.

PRODUCT DETAIL

These dust caps are colour coded to identify coupler rated voltage:

- Orange < 660VAC
- Blue 1,100VAC
- Red 3,300VAC

