

Dust Caps for Flameproof Couplers and Plugs

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



Dust Caps for Flameproof Couplers and Plugs

ITEM	DESCRIPTION	DIAMETER	LENGTH	COLOUR	USAGE	TO SUIT
179602	CAP DUST 50ID 37IL ORG	50	37	Orange	20A 250VAC and 32A 630VAC couplers	Burn Brite single and three phase bolted couplers.
179603	CAP DUST 59.4ID 50.5IL ORG	59	51	Orange	60A 660VAC Restrained Plugs	CMI AF664 Series & Variants Macey 60-30-0660R Series and Variants
179604	CAP DUST 59.4ID 50.5IL BLU	72	51	Blue	60A 1,100VAC Restrained Plugs	CMI AF614 Series & Variants Macey 60-30-1100R Series and Variants
180951	CAP DUST 72ID 62.5IL ORG	72	63	Orange	125A 660VAC Restrained Cable Reel Plugs	CMI AF264RB Macey 125-30-0660R Series and Variants
179605	CAP DUST 72ID 62.5IL BLU	72	63	Blue	125A 1,100VAC Restrained Cable Reel Plugs	CMI AF214RB Macey 125-30-1100R Series and Variants
180952	CAP DUST 72ID 82IL ORG	72	82	Orange	150A 660VAC Restrained Plugs	CMI AF164 Series & Variants Macey 150-30-0660R Series and Variants Ausproof P614 Series & Variants
179606	CAP DUST 72ID 82IL BLU	72	82	Blue	150A 1,100VAC Restrained Plugs	CMI AF114 Series & Variants Macey 150-30-1100R Series and Variants Ausproof P114 Series & Variants
180953	CAP DUST 92.6ID 87.5IL ORG	92	88	Orange	300A/425A 660VAC Restrained Plugs	CMI AF364, 464 Series & Variants Macey 300-30-0660R & 425- 30-0660R Series and Variants Ausproof P634, 644 Series & Variants
179607	CAP DUST 92.6ID 87.5IL BLU	92	88	Blue	300A/425A 1,100VAC Restrained Plugs	CMI AF314, 316, 414, 416 Series & Variants Macey 300-30-1100R & 425- 30-1100R Series and Variants Ausproof P134, 136, 144, 146 Series & Variants
179608	CAP DUST 92.6ID 87.5IL RED	92	88	Red	300A/425A 3,300VAC Restrained Plugs	CMI AF334, 336, 434, 436 Series & Variants Macey 300-30-3300R & 425- 30-3300R Series and Variants Ausproof P334, 336, 344, 346 Series & Variants