

"Tuf-Cap"

Weather Cap For Loadbreak Inserts

Central Moloney, Inc.
Components Operation
An Arkansas Owned Company

Product Data Sheet

File No.	PDS1022	Revised:	February 1, 1995
Availability:	Immediate	Supersedes:	None

New Weatherproof Shipping Cap For 15KV Loadbreak Bushing Inserts

Finally. . .a protective cap which will hold up to U. V. exposure. . .

Components is pleased to introduce a new product, a weatherproof shipping cap, to overcome a problem utilities have experienced with storage of dead top distribution transformers and switchgear which are shipped from the manufacturer with loadbreak bushing inserts installed.

"Tuf-Cap" Weather Cap Advantages

Snap-on, tight fit

Outdoor rated for excellent resistance to U.V.

Ease of Installation . . .Will adapt to all brands of loadbreak inserts

Long lasting engineered polypropylene copolymer

Shipping caps typically furnished with bushing inserts are not designed to withstand outdoor exposure. Their application is generally in pad mount gear where the bushings are protected by steel compartments.

However, submersible distribution transformers and switchgear, plus other products like dead top poles, are often furnished with bushing wells with bushing inserts installed. The standard shipping caps furnished on these bushing inserts lose their integrity in as little as six (6) months when stored outdoors. This allows moisture and other contamination of the loadbreak bushing insert which can destroy the integrity of the insert and pose serious safety concerns if the insert is not replaced before utilization of the equipment.

In an attempt to solve this problem, some utilities have utilized expensive, fully rated, insulated protective caps

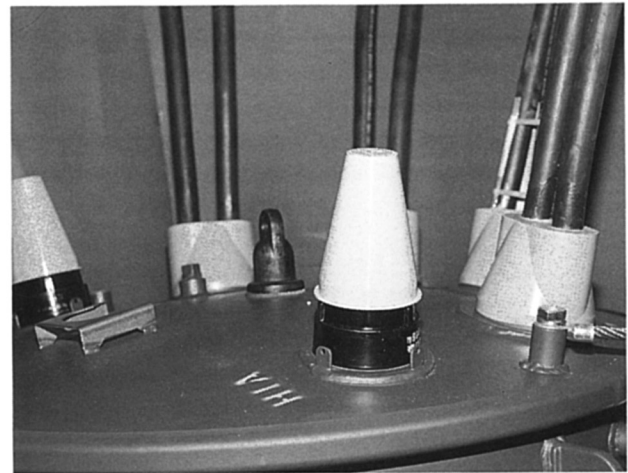


Fig. 1

Typical Installation

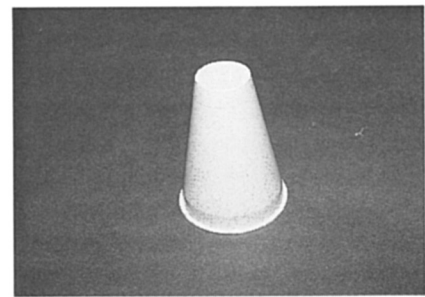


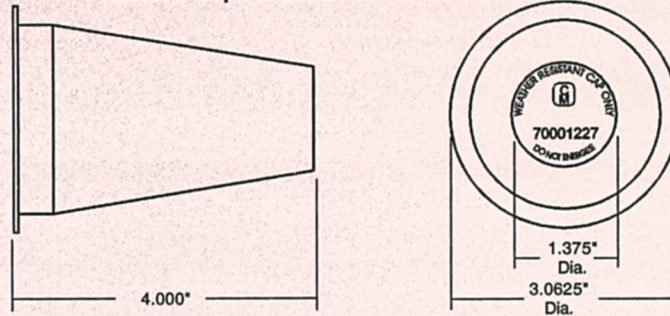
Fig. 2

"Tuf-Cap" Weather Cap

for storage, others have purchased their equipment with bushing wells only. However, a similar situation exists with bushing well shipping caps which are also not outdoor rated. When these caps crack from sunlight exposure, the bushing well fills with rainwater, which at best is inconvenient to clean and dry out prior to insert installation. Worst case, which has occurred often, in the winter the water trapped in the wells freezes, cracks the bushing well and ruins the expensive piece of equipment.

"Tuf-Cap" Weatherproof Shipping Cap

Weather Cap For Loadbreak 15 KV Inserts



Refer To ANSI/IEEE Standard 386-1985
(Figure 5, Page 14) For Interface Style.

Outline Dimensions & Application Notes

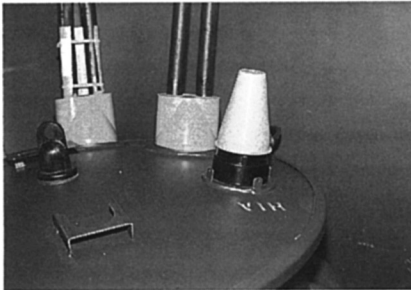


Fig. 3

Typical Installation

Utility Specifications . . .

Specify the Central Moloney shipping cap, part #700012-27, for all gear with exposed 15 KV bushing inserts. **Protect your investment!**

Ordering Specifications & Instructions . . .

<u>Part No.</u>	<u>Description</u>
70001227	Weatherproof shipping cap for 200 amp 15 KV class loadbreak bushing inserts.

In Conclusion . . .

Central Moloney Components has built an established record through incredible growth in advanced manufacturing technology. Since its inception in 1970, Components has been constantly searching for new ways to improve the performance and reliability of our products. Innovation, design quality, flexibility, and delivery are all a part of the continuing story of Components.

Material . . .

The Central Moloney weatherproof shipping cap is made of specially formulated, UV stabilized polypropylene which is designed to withstand outdoor exposure for thirty (30) years.

This material has been utilized in other outdoor products such as primary bushing wildlife guards for many years with excellent performance.

The Central Moloney shipping cap part #700012-27, is designed to fit all 200 amp 15 KV class loadbreak bushing inserts.

