

PENETROX A, A-13 AND E

TECHNICAL INFORMATION

PENETROX A

PENETROX A consists of a natural (petroleum) base vehicle in which zinc particles are suspended. For aluminum to aluminum, aluminum to copper applications and aluminum conduit threads. It is not recommended for use with rubber and polyethylene insulated conductors. UL listed to 600 volts.

PENETROX A-13

PENETROX A-13 consists of a non-petroleum base vehicle in which zinc particles are suspended. Recommended for aluminum to aluminum, aluminum to copper applications and aluminum conduit threads. Compatible with insulating materials such as rubber, or polyethylene. UL listed and recommended for all voltages.

PENETROX E

PENETROX E consists of a non-petroleum base vehicle in which copper granules are suspended. Recommended for copper to copper applications, grounding and for use on copper conduit threads. UL listed.

Easy to apply:

1. Scratch brush the conductor surfaces until bright and clean.
2. Immediately apply PENETROX™ to the conductive surfaces.
3. For EHV applications, remove all excess PENETROX™ after installation is complete.

SHELF LIFE

When stored in its original container in cool (under 100° F) dry environment, PENETROX™ oxide inhibiting compound will remain workable and functional for (5) years from the date marked on the container provided it is mixed per instructions prior to use.



PROPERTIES OF PENETROX™

Property	Value PENETROX™ Definition	PENETROX™ E & A13	A
Penetration (Unworked)	The value in accordance to ASTM D217 indicates the consistency of a grease. The higher the number, the softer the grease.	250	230
Dropping Point (Minimum)	The temperature at which the grease passes from the semi-solid to a liquid state under test conditions.	500° F	230° F
Pour Point (Maximum)	The lowest temperature at which the compound will flow. Pour point is the lubricant's ability to perform in cold conditions.	-10° F	-15° F

* MSDS sheets available through customer service.

ORDERING INFORMATION

Catalog Number	Container		Container Type	Size
PENETROX™ A	PENETROX™ A-13	PENETROX™ E		
PENA 1/2	—	—	Tube	1/2 oz.
PEN A-4	PEN A13-4	PEN E-4	Squeeze Bottle	4 oz.
P8A	PEN A13-8	PEN E-8	Squeeze Bottle	8 oz.
PENACARTRIDGE	PENA13CARTRIDGE	—	Cartridge	1 lb.*
PEN A-QT	PEN A13-QT	PEN E-QT	Plastic Tub	1 Quart
PEN A-GAL	PEN A13-GAL	PEN E-GAL	Can	1 Gallon
PEN A-5GAL	PEN A13-5GAL	PEN E-5GAL	Pail	5 Gallons
PEN A-55GAL	PEN A13-55GAL	PEN E-55GAL	Drum	55 Gallons

* 1 lb. cartridge will fit standard caulking guns.



Throughout the catalog you will notice blue highlighted items. These are the most frequently ordered BURNDY® Products.