

PENETROX A, A-13, E AND HT

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.

PENETROX HT

PENETROX HT consists of a non-petroleum base vehicle in which zinc and nickel-aluminum particles are suspended. Recommended for use with aluminum to aluminum High Temperature rated ACSS and ACCC conductors. Not 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™

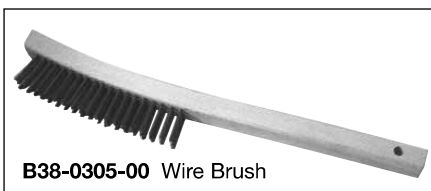
Property	Value PENETROX™ Definition	PENETROX™ HT	PENETROX™ E & A13	PENETROX™ A
Penetration (Unworked)	The value in accordance to ASTM D217 indicates the consistency of a grease. The higher the number, the softer the grease.	240	250	230
Dropping Point (Minimum)	The temperature at which the grease passes from the semi-solid to a liquid state under test conditions.	>580° F	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.	-58° F	-10° F	-15° F

* MSDS sheets available through customer service.

ORDERING INFORMATION

Catalog Number				Container Type	Container Size
PENETROX™ A	PENETROX™ A-13	PENETROX™ E	PENETROX™ HT		
PENA 1/2	—	—	—	Tube	1/2 oz.
PEN A-4	PEN A13-4	PEN E-4	PENHT-4	Squeeze Bottle	4 oz.
P8A	PEN A13-8	PEN E-8	PENHT-8	Squeeze Bottle	8 oz.
PENACARTRIDGE	PENA13CARTRIDGE	—	PENHT-1LB	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	PENHT-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.



Blue highlighted items are industry standard and most frequently ordered.

**CATALOG NUMBERS
REQUIRING MSDS**

POWERCELL	PENA13-4	PENE 5GAL
P8A	PENA13-8	PENE 55GAL
PENA1/2	PENA13QT	PENHT-4
PENA-4	PENA13GAL	PENHT-8
PENACARTRIDGE	PENA13 5GAL	PENHT-1LB
PENA QT	PENA13 55GAL	PENHT-GAL
PENA GAL	PENE-4	ALFLUID QT
PENA 5GAL	PENE-8	ALFLUID GAL
PENA 55GAL	PENE QT	HYFLUID QT
PENA13CARTRIDGE	PENE GAL	HYFLUID GAL

* All Wejtap catalog numbers ending in PB require MSDS for Power Cell.

**COLOR CODING FOR
OVERHEAD CONNECTORS**

Color Code	Aluminum & Copper			
	Str.	Compact	Sol.	ASCR
Brown	10		8	
Green	8		6	
Blue	5, 6		4	6
Orange	3, 4	#2	2	4
Red	1-19, 2	1/0	1	2
Yellow	1/0	2/0		1/0, 1
Gray	2/0	3/0		2/0
Black	3/0	4/0		3/0
Pink	4/0	266, 300		4/0
Red	250			
White	266			
Blue	300	350	266.8	(26/7, 18/1)
Brown	336			
Green	350, 397, 400			336.4 (26/7, 18/1)
Gray	450			
Pink	500			477 (18/1)
Green	556			
Purple	600			
Yellow				556.5 (24/7, 26/7)
Blue	650			
Red	700			
Yellow	750			
Orange	800			
White	900			
Brown	1000			