API SOLUTIONS IN PLASTIC

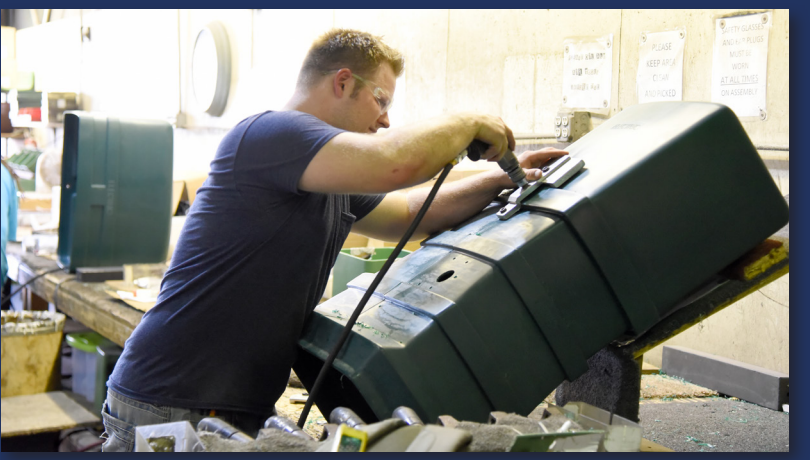
ELECTRIC UTILITY

PROUDLY MADE IN THE USA

PRODUCT CATALOG

WWW.API-PLASTICS.COM

CONTENT



Since 1997

03 About
04 Pedestals
18 U-Guard Boots
20 Material Properties
21 Accessories

About ...

Advanced Pedestals, Inc. (commonly known as API) manufactured its first, secondary electrical pedestal for Union Electric in January of 1976. A Union Electric lineman was tasked with designing and building an above ground pedestal to facilitate electrical connections. So, API's first-generation pedestal was "designed by a lineman for the lineman". Today, API manufactures numerous pedestals serving the "who's who" of the electric utility industry.

In 1997, API was purchased by Pete and Susie Shauf and the company was relocated from Pensacola, Florida to Gainesville, Texas, where it is headquartered today.

In 2003, API began manufacturing quality products such as cattle lick feeders, mineral feeders, and stock tanks for the agriculture market. The customer list contains some of the most recognized names in the industry.

In 2008, API was approached with several custom molding opportunities. Today, custom molding represents a significant part of our business.

API is an "employee first" company and employees are treated as part of the "family".

Our Mission Statement

We pledge to manufacture and ship "picture perfect", high quality products in a timely manner. We strive to be a true partner with our customers and vendors. Our customer service will outperform all others. We will be your most reliable and valuable resource. We believe in the power of our greatest asset... the employees. We empower each employee to make decisions based on honesty, integrity, and true moral values.

PROUDLY MADE IN THE USA

ELECTRICAL PEDESTALS

ABOVE GRADE SECONDARY ELECTRICAL PEDESTALS

ABBREVIATIONS
WBTT= WIDE BASE TALL TOP
WBST= WIDE BASE SHORT TOP
RBTT= REGULAR BASE TALL TOP
RBST= REGULAR BASE SHORT TOP
FM= FLUSH MOUNT

BENEFITS

NON-CONDUCTIVE
NON-CORROSIVE
EASIER TO LOCATE
EASIER ACCESS
LESS EXPENSE THAN UNDERGROUND INSTALLATION
API OFFERS MOLD IN GRAPHICS® FOR PERMANENT DISPLAY OF LOGOS AND WARNING SIGNS

FEATURES

UV RESISTANT MATERIAL
STAINLESS STEEL HARDWARE
TAMPER RESISTANT CAPTIVE PENTA HEAD BOLT WITH REA LOCKING BRACKET
AVAILABLE IN INDUSTRY STANDARD AND CUSTOM COLORS

CONSTRUCTION

- ROTATIONALLY MOLDED FROM PRIME MELT COMPOUNDED LINEAR LOW DENSITY POLYETHYLENE
- LIGHTWEIGHT, YET DURABLE
- RIBBING ENSURES IN-GROUND STABILITY
- INCREASED MATERIAL WALL THICKNESS IN STRESS AREAS MAKES PEDESTALS IMPACT RESISTANT AND ELIMINATES CRACKING

OPTIONS

CAN BE CUSTOMIZED TO YOUR SPECIFICATIONS
MOLD IN GRAPHICS®

API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

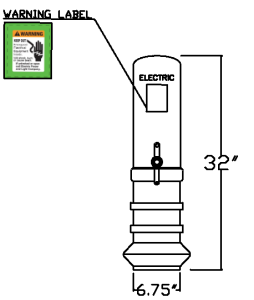
API 6X6

APPLICATION

API'S 6X6 IS FOR ELECTRICAL SERVICE FOR STREET AND AREA LIGHTING APPLICATIONS.

OPTIONS

STAINLESS STEEL MOUNTING STAKE



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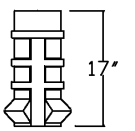

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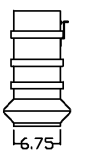

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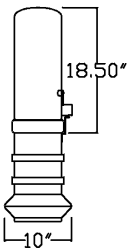

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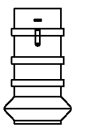

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ELECTRICAL PEDESTALS

API 9X10

APPLICATION

API'S 9X10 IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS AS WELL AS STREET LIGHTING APPLICATIONS

OPTIONS

STAINLESS STEEL MOUNTING STAKE

CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

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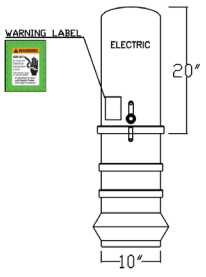

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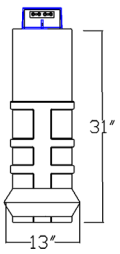

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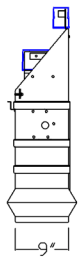

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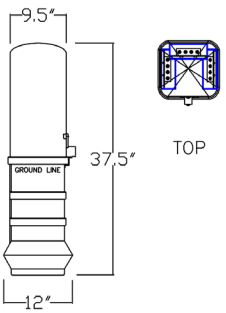

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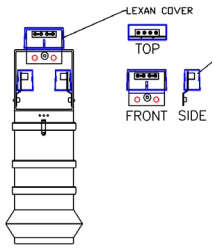

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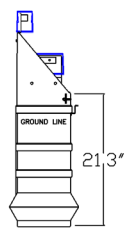

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API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 10x11 XLS

APPLICATION

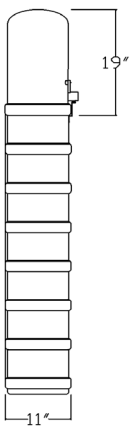
API'S 10X11 XLS IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS AS WELL AS STREET LIGHTING APPLICATIONS

OPTIONS

STAINLESS STEEL MOUNTING STAKE

CONSTRUCTION SERVICE AND/OR GROUNDLINE GRAPHICS

TOP



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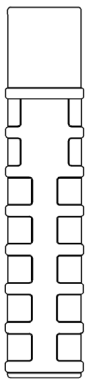

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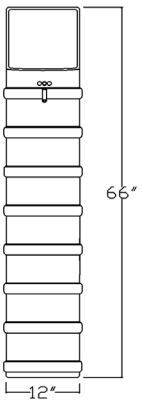

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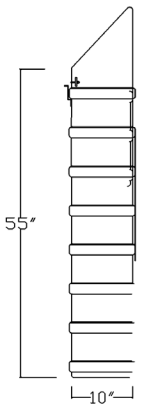

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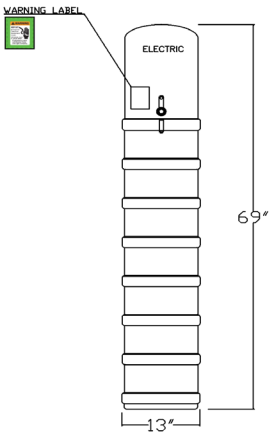

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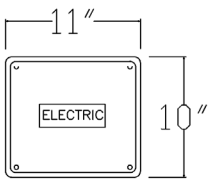
API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 10x11 FM

APPLICATION

API'S 10X11 FLUSH MOUNT IS FOR ELECTRICAL SERVICE FOR STREET AND AREA LIGHTING



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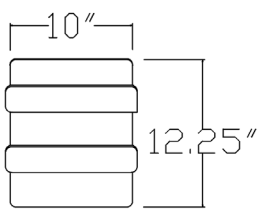

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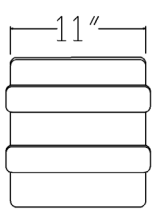

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API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 10x11 RBTT

APPLICATION

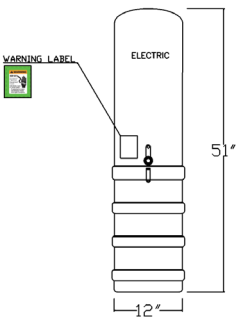
API'S 10X11 RBTT IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS. SUITABLE FOR JOINT MOUNTING APPLICATIONS.

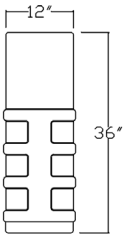
OPTIONS

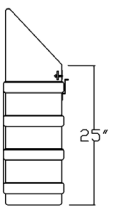
STAINLESS STEEL MOUNTING STAKE

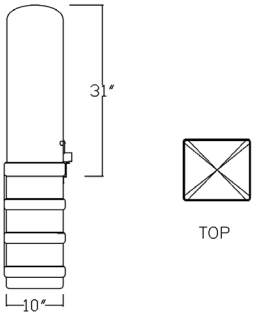
CONSTRUCTION SERVICE AND/OR GROUNDLINE GRAPHICS

TEMPORARY SERVICE DOOR









API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 10x14 RBST

APPLICATION

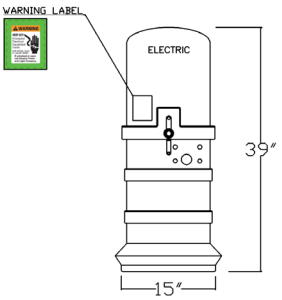
API'S 10X14 RBST IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS.

OPTIONS

STAINLESS STEEL MOUNTING STAKE

CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

TEMPORARY SERVICE DOOR



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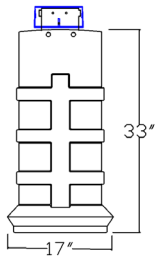

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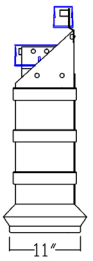

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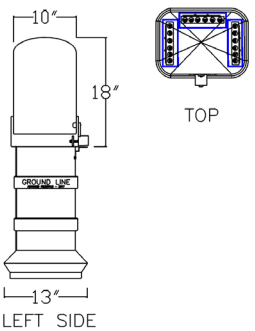

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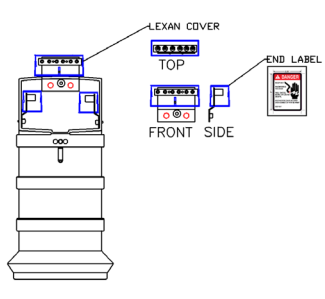

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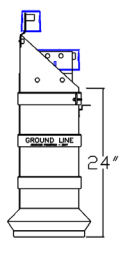

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ELECTRICAL PEDESTALS

API 10x14 RBTT

APPLICATION

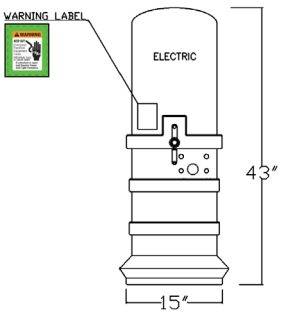
API'S 10X14 RBTT IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS.

OPTIONS

STAINLESS STEEL MOUNTING STAKE

CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

TEMPORARY SERVICE DOOR



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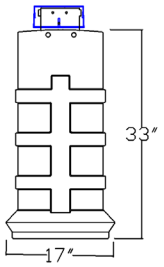

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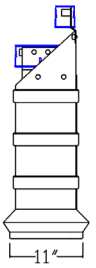

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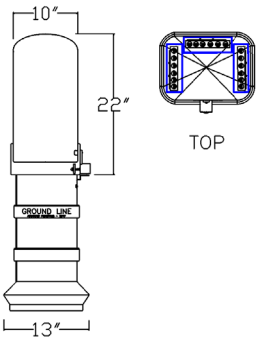

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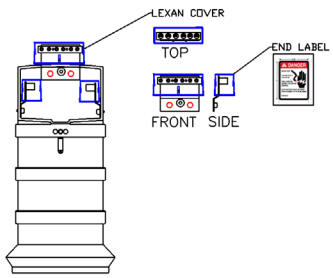

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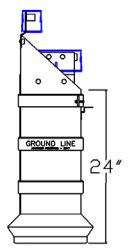

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API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 10x14 WBST

APPLICATION

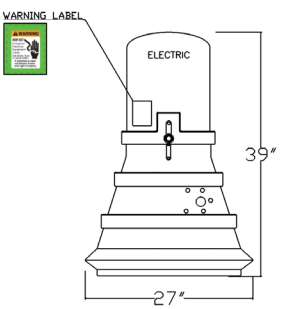
API'S 10X14 WBST IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS.

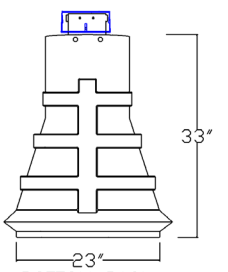
OPTIONS

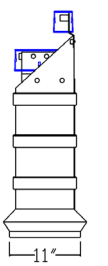
STAINLESS STEEL MOUNTING STAKE

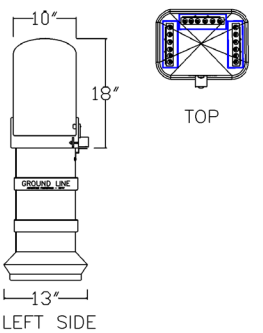
CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

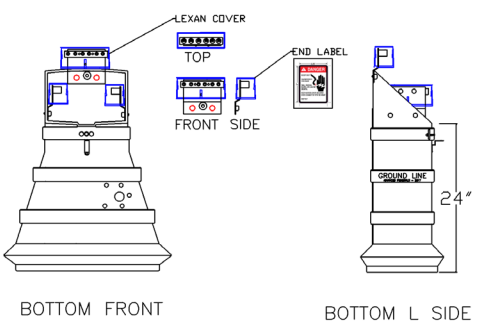
TEMPORARY SERVICE DOOR











API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 10x14 WBTT

APPLICATION

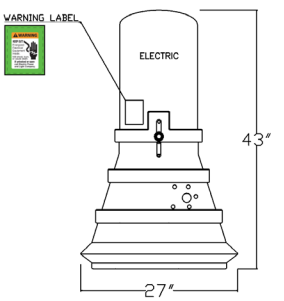
API'S 10X14 WBTT IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS.

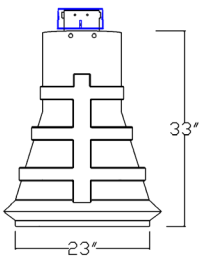
OPTIONS

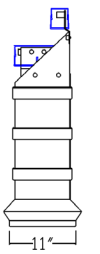
STAINLESS STEEL MOUNTING STAKE

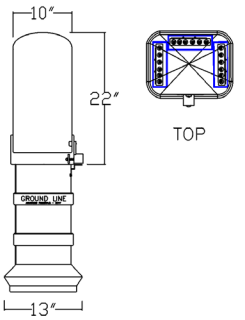
CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

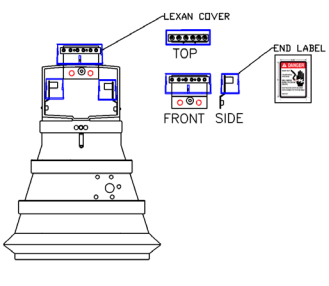
TEMPORARY SERVICE DOOR

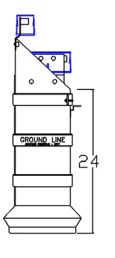












API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 12X16 WBST

APPLICATION

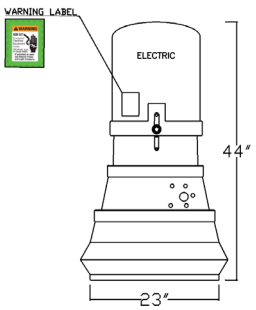
API'S 12X16 WBST IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS.

OPTIONS

STAINLESS STEEL MOUNTING STAKE

CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

TEMPORARY SERVICE DOOR



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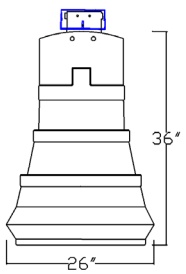
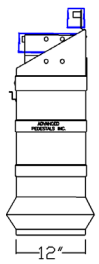
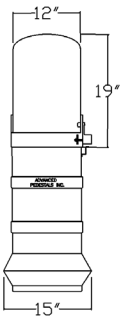


BOTTOM BACK

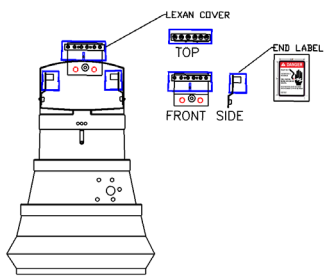


BOTTOM R SIDE

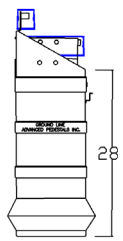


LEFT SIDE

TOP



BOTTOM FRONT



BOTTOM L SIDE

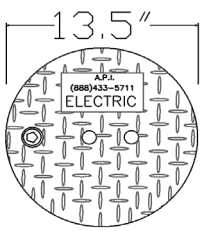
API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 13.5X17 RD-FM

APPLICATION

API'S 13.5X17 ROUND FLUSH MOUNT IS FOR ELECTRICAL SERVICE FOR STREET AND AREA LIGHTING. AVAILABLE WITH ELECTRIC, WATER OR BLANK PLATE IN LID FOR USE IN VARIOUS APPLICATIONS.



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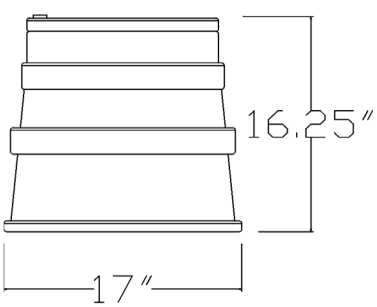


BOTTOM

API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

API 16X28

APPLICATION

API'S 16X28 ACCOMMODATES CURRENT TRANSFORMERS (C.T'S)

ACCOMMODATES UP TO 4-1000 MCM CONNECTORS.

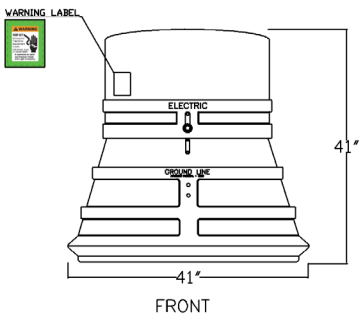
REPLACES EXPENSIVE PAD MOUNTED CABINETS.

OPTIONS

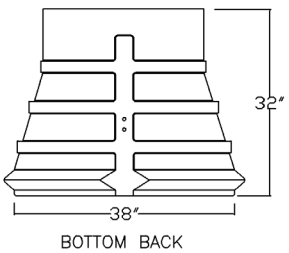
STAINLESS STEEL MOUNTING STAKE

CONNECTORS ARE PRE-INSTALLED WITH MOUNTING BRACKETS, PLASTIC COVERS (WITH DANGER STICKERS AND REUSABLE TIE STRAPS) OR PLASTISOL BOOTS.

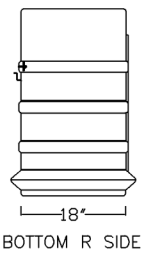
TEMPORARY SERVICE DOOR



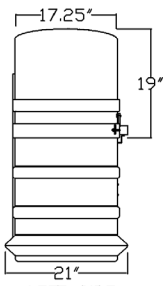
FRONT



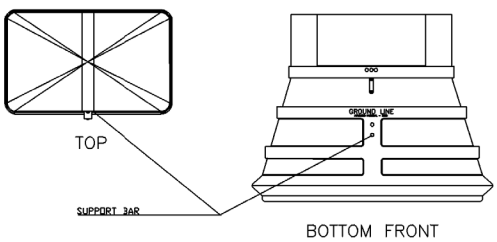
BOTTOM BACK



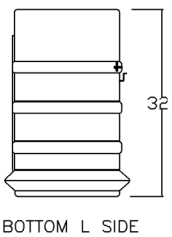
BOTTOM R SIDE



LEFT SIDE



BOTTOM FRONT



BOTTOM L SIDE

API SOLUTIONS IN PLASTIC

ELECTRICAL PEDESTALS

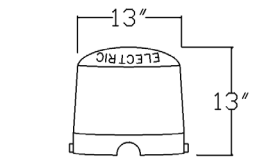
API 176

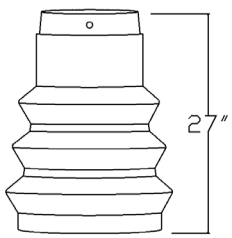
APPLICATION

THE API 176 IS FOR ELECTRICAL SERVICE IN RESIDENTIAL AND COMMERCIAL AREAS.

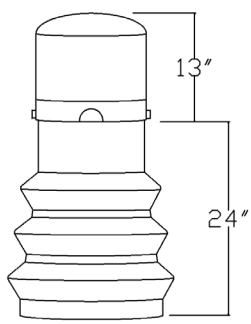
OPTIONS

6″ EXTENSION IS ALSO AVAILABLE





FRONT WITH OPTIONAL EXTENSION



FRONT

API U-GUARD BOOTS

- Free form cable riser provides transition from conduit or buried cable
- Wildlife protection cover
- Rotationally molded from prime linear low density polyethylene
- UV resistant material

API-UGB-46
4″ TO 6″
U-GUARD BOOT

API-UGB-48V
4″ TO 8″ Vented
U-GUARD BOOT

API-SQUIRREL GUARD
U-GUARD BOOT
Wildlife Protection Cover

API SOLUTIONS IN PLASTIC

API U-GUARD BOOTS

- Free form cable riser provides transition from conduit or buried cable
- Wildlife protection cover
- Rotationally molded from prime linear low density polyethylene
- UV resistant material

API-UGB-23
2″ TO 4″ Small
U-GUARD BOOT

API-UGB-25v
2″ TO 5″ Medium Vented
U-GUARD BOOT

API-UGB-45
3″ TO 6″ Large
U-GUARD BOOT

API SOLUTIONS IN PLASTIC

MATERIAL PROPERTIES

Product Description

LL 8460 is a linear low density hexene copolymer designed to offer excellent ESCR and toughness. This resin is ideally suited for applications that require the optimum balance of processability, stiffness and low temperature toughness.

Resin Properties	Typical Value	Typical Value (SI)	Test Based On
Density	0.938 g/cm ^{3}	0.938 g/cm ^{3}	ASTM D1505
Melt Index (190°C/2.16 kg)	3.3 g/10 min	3.3 g/10 min	ASTM D1238
Thermal	**Typical Value**	**Typical Value (SI)**	**Test Based On**
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	129 °F	54 °C	ASTM D648
Deflection Temperature Under Load (DTUL) at 264psi - Unannealed	100 °F	38 °C	ASTM D648
Peak Melting Temperature	259 °F	126 °C	ASTM D3418
Molded Properties	**Typical Value**	**Typical Value (SI)**	**Test Based On**
Tensile Strength at Yield 2.0 in/min (50 mm/min)	2500 psi	17 MPa	ASTM D638
Elongation at Yield (2.0 in/min (50 mm/min))	10 %	10 %	ASTM D638
Flexural Modulus - 1% Secant	93000 psi	640 MPa	ASTM D790B
Environmental Stress-Crack Resistance			ASTM D1693A
10% Igepal, F50	60 hr	60 hr	
100% Igepal, F50	> 1000 hr	> 1000 hr	
Impact	**Typical Value**	**Typical Value (SI)**	**Test Based On**
Impact Strength			ARM
-40°F (-40°C), 0.125 in (3.18 mm)	64 ft·lb	87 J	
-40°F (-40°C), 0.250 in (6.35 mm)	190 ft·lb	258 J	

Additional Information

- All physical properties were measured on 3 mm rotomolded samples unless a different value is shown, except for ESCR, which was measured on compression molded samples.
- Tensile testing was conducted at a crosshead speed of 50 mm/min. The tensile strength reported refers to the maximum stress reached during the test.
- Test procedures may be modified to accommodate operating conditions or facility limitations.

API SOLUTIONS IN PLASTIC

ACCESSORIES

API BELT CLIP
NON-CONDUCTIVE , YELLOW

API BUCKET HOOKS
AVAILABLE IN CLEAR OR YELLOW

API SOLUTIONS IN PLASTIC

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2227 Foundry Road
P.O. Box 1037
Gainesville, TX 76240
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