



AGRICULTURE



PRODUCT CATALOG



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**Est.
1997**

Supporting the Cattle Industry

Since 2003

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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.



LICK FEEDERS

LICK FEEDERS

API COMBINES QUALITY WORKMANSHIP, CREATIVE DESIGN, AND STATE OF THE ART MATERIALS TO ALLOW US TO BUILD TOUGH AND DURABLE LICK FEEDERS THAT WILL DELIVER YEARS OF SERVICE. HEAVY-DUTY POLY CONSTRUCTION RESISTS DENTS AND PUNCTURES, AND WON'T RUST OR CORRODE.

FEATURES:

- LID AND TANK ARE ROTATIONALLY MOLDED USING THE HIGHEST QUALITY OF UV STABILIZED RESIN FOR LONG LIFE
- INTERNAL PLASTIC COMPONENTS ARE MADE IN HOUSE USING API'S INJECTION MOLDING PROCESS
- RIBBED WATER DAMS ENSURE DRAINAGE OF WATER AROUND WHEEL OPENINGS
- MOLDED-IN VACUUM BREAK GROOVE TO ALLOW EASE OF UNSTACKING BOTTOMS
- INVERTED CONVEX BASE WITH DUAL TROUGHS ENSURE COMPLETE FEED CLEAN-OUT AND PREVENTS DOME COLLAPSE
- CUSTOM MOLD IN GRAPHICS® AVAILABLE FOR LOGOS (MINIMUM QUANTITY REQUIRED)
- MOLDED-IN GALLON INDICATORS
- COLOR OPTIONS INCLUDING TWO-TONED
- STAINLESS STEEL HARDWARE
- TETHERED FILLER CAP
- RIBBED REINFORCED DOMED TOP
- 2-YEAR LIMITED WARRANTY

SPECIFICATIONS:

Model	Gallon Capacity	Outside Diameter	Depth	Wheel Location	Wheel Diameter	Combo 1-PC Bracket
API-150	150	59"	17"	3	17"	Yes
API-300	300	69"	24"	4	24"	Yes



LICK FEEDERS

API-300



API-150



MINERAL FEEDER

MINERAL FEEDER

API COMBINES QUALITY WORKMANSHIP, CREATIVE DESIGN AND STATE OF THE ART MATERIALS TO BUILD TOUGH AND DURABLE MINERAL FEEDERS THAT WILL DELIVER YEARS OF SERVICE. HEAVY-DUTY ROTO-MOLDED POLYETHYLENE CONSTRUCTION RESISTS DENTS AND PUNCTURES AND WON'T RUST OR CORRODE.

FEATURES AND ADVANTAGES:

- HEAVY-DUTY 40" MOLDED REINFORCED RUBBER FLAP
- WEATHER RESISTANT FLAP PROTECTS MINERAL FROM THE ELEMENTS
- HEAVY DUTY 6" POLY FLAP RETAINER PROTECTS CENTER OF RUBBER FLAP
- STAINLESS STEEL HARDWARE – THE 2" MOUNTING BOLT ALLOWS THE FLAP AND RETAINER TO RIDE UP WHEN LIFTED BY ANIMALS EXTENDING THE LIFE OF THE FLAP
- NO-TIP DESIGN
- STANDARD COLORS – ROYAL BLUE, DARK GREEN OR RED
- HOPPER MOLDED USING HIGHEST QUALITY UV STABILIZED PRIME POLYETHYLENE RESIN FOR LONG LIFE
- CUSTOM COLORS AVAILABLE UPON REQUEST

SPECIFICATIONS:

HOPPER DIAMETER TOP - 32" BOTTOM - 36"

FLAP DIAMETER - 40"

EATING HEIGHT - 11" - OVERALL HEIGHT - 15"

COMPARTMENTS - 3

APPROX CAPACITY - 3 MINERAL OR SALT BLOCKS OR 200 LBS. LOOSE SUPPLEMENT/ ANIMALS - 40 HEAD

API IS A PROUD MEMBER OF



MINERAL FEEDER



STOCK WATER TANKS

WATER TANKS

API COMBINES QUALITY WORKMANSHIP, CREATIVE DESIGN AND STATE OF THE ART MATERIALS TO BUILD TOUGH AND DURABLE STOCK TANKS THAT WILL DELIVER YEARS OF MAINTENANCE FREE SERVICE. HEAVY-DUTY POLY CONSTRUCTION RESISTS DENTS AND PUNCTURES AND WON'T RUST OR CORRODE.

FEATURES AND ADVANTAGES:

- UNIQUE INVERTED CONVEX BASE USES GROUND TEMPERATURE TO KEEP WATER COOLER IN THE SUMMER AND WARMER IN THE WINTER TO HELP DELAY FREEZE OVER
- MOLDED IN VACUUM BREAK GROOVE TO ALLOW EASE OF UNSTACKING TANKS
- MOLDED-IN GALLON INDICATORS
- MOLDED-IN LIGHT BLUE COLOR NEVER NEEDS PAINTING
- RECESSED AREAS FOR OPTIONAL 3/4" DRAIN PLUG
- TOP LIP OF TANKS EASILY ACCEPTS AUTOMATIC FILL FLOAT VALVES
- MOLDED USING HIGHEST QUALITY UV STABILIZED PRIME RESIN FOR LONG LIFE
- RIBS AND DOME IN BOTTOM PROVIDE ANIMAL ESCAPE

SPECIFICATIONS:

Model	Gallon Capacity	Outside Diameter	Depth
API-150	150	59"	17"
API-300	300	69"	24"

API IS A PROUD MEMBER OF



STOCK WATER TANKS



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 10% Igepal, F50 100% Igepal, F50	60 hr > 1000 hr	60 hr > 1000 hr	ASTM D1693A
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	

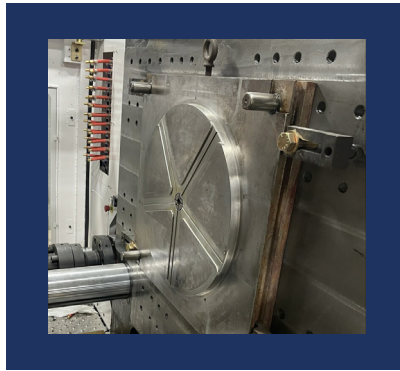
Additional Information

- 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

YOU CANNOT AFFORD TO MISS A SALE!

ALL LICK FEEDER INJECTION MOLDED PARTS ARE MANUFACTURED IN-HOUSE PREVENTING COSTLY SUPPLY CHAIN DISRUPTIONS.



API SOLUTIONS IN PLASTIC



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Plastics makes perfect!