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**NATIONAL
LEAD
COMPANY** Metal Products

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"DUTCH BOY" SOLID WIRE SOLDER



Carefully made to insure uniformity in gage throughout entire length. Extruded in practically any desired diameter and of any specified composition. Furnished on 1, 5, 10, 25, 50 or 65 lb. spools.

"DUTCH BOY" ACID CORE WIRE SOLDER



This is a dependable, general purpose solder in handy form. The precision-drawn wire contains a centered core of active, quick-wetting flux. Available in popular grades and diameters. Put up on 1 lb. spools.

"DUTCH BOY" ROSIN CORE WIRE SOLDER



Dutch Boy Rosin Core Wire Solder now made with activated plasticized rosin flux. Designed to meet today's demand for high speed soldering applications. These new fluxes are non-conductive and non-corrosive . . . they melt at low temperatures, give fast flow and spread to the solder. Available on 1, 5, 10 and 20 lb. spools. All solder compositions are available, as well as any flux-to-solder percentage. Prices on application.

"NALCO" NO. 13 SOLDERING PASTE



An efficient flux intended for plumbing, tinning and electrical work. Rapid action, non-corrosive and non-conductive, this paste leaves a film of petrolatum on the joint for protection against moisture. Available in 2 oz., 4 oz., 1 lb. and larger containers.

"DUTCH BOY" TINNING COMPOUND



A real time and labor saver on auto body repair work. Readily applied to the area to be repaired, the ingredients of this compound, when heated, do the preparatory work of cleaning and tinning. Ideal for tinning bearing shells. Available in 1 lb. net weight containers.

"NALCO" #11 ACID SOLDER PAINT



Cleans, tins and joins in one quick operation. Ideal for copper tubing. Finely powdered tin-lead solder mixed with a highly active acid flux in the form of a creamy paste. Regularly put up in 8-oz. and 1 lb. tins.

"DUTCH BOY" BAR SOLDER



Dutch Boy bar solders are available in a wide variety of "forms and formulas". All grades may be relied on to do the job they were designed to do. Made from clean, well-refined metals, carefully alloyed. Bars weigh 1½ lbs.

"Dutch Boy" Numbered Solder Bars



"Dutch Boy" 111 is the highest grade solder. It is guaranteed to be made of top quality refined lead and tin, carefully alloyed in equal parts—50% lead, 50% tin. Its melting range is 361°F-421°F. Sold in 1½ lbs.



A smooth, free-flowing solder with a melting range of 361°F-432°F. For use wherever a bright, strong solder is wanted. Bars weigh 1½ lbs.



Especially suited for special jobs and plumbing work when a bright "showy" job is desired. Can be used with an iron. Melting range of 363°F-448°F. Sold in 1½ lb. bars and rectangular 5 lb. ingots.



Thoroughly reliable and economical for electrical construction, tin can factory and other similar work. Melting range at 363°F-450°F. First class dipping solder. 1½ lb. bars and 5 lb. ingots.



Contains an unusually high percentage of tin for a solder of this grade. Can be reduced with slightly more lead by plumbers. Melting range of 363°F-450°F. 1½ lb. bars and 5 lb. ingots.



Strictly a plumbers solder. Wipes a joint that will not sweat unless the solder is too heavily doped with lead. Melting range of 361°F-453°F. Sold in 1½ lb. bars and 3 or 5 lb. round ingots.

"DUTCH BOY" 888 SOLDER INGOTS



Strictly a plumber's solder designed for top quality wiped joints which will not sweat. Melting range of 361°F-453°F. Available in 3 or 5 lb. round ladle-fitting ingots.

METER BAR SOLDER



Either cast or extruded. Rectangular in shape, usually about 14" long, ¾" to 1½" wide and ¼" to ⅜" thick. Particularly adaptable for seam soldering of gas meters.

"DUTCH BOY" #1 JOURNAL METAL



Compounded expressly for large bearings where the pressure, though heavy, is steady—on heavy engine and general mill work. "Dutch Boy" No. 1 Journal is easily poured, with very little shrinkage and finds wide use in steam winches and other hoisting machinery.

"DUTCH BOY" STERLING JOURNAL METAL



A copper-hardened metal, high in tin, capable of resisting considerable crushing strain. Has good fluidity and adheres well to the shell.

"DUTCH BOY" BEARING METAL



This metal is used satisfactorily on many kinds of machinery and general mill work. It is also adaptable for pulleys, hangers, line shafting and slow-moving machinery.

"DUTCH BOY" PERFECTION ANTI-FRICTION METAL



A copper-hardened alloy with unusual crushing strain resistance. Hardness at 212°F is ample for normal requirements. An easy-to-handle metal with low melting point, it flows freely at less than 500°F. It peens easily and oil clings tightly to its surface. An excellent general purpose babbitt.

"DUTCH BOY" HEAVY PRESSURE METAL



Designed for the highest grade work, this alloy contains no lead. Has resistance to crushing strain and will withstand severe pounding without squeezing out. Melts at a high temperature, is easily chilled, and retains its hardness at the highest temperatures at which bearings operate.

"DUTCH BOY" GENUINE BABBITT METAL



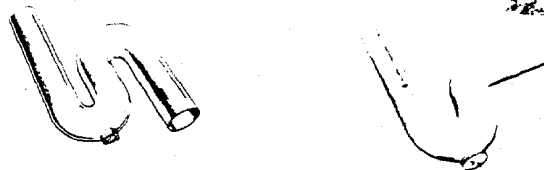
Made exactly according to Isaac Babbitt's original formula, "Dutch Boy" Genuine Babbitt metal is guaranteed to be 88.9% tin, 7.4% antimony, 3.7% copper.

STANDARD #4 UTILITY BABBIT



A good quality utility babbitt made from clean metals and suitable for line shaft and other installations where the load is not excessive and the bearing is not subjected to sudden strain.

S and P TRAPS

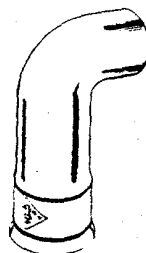


Carefully extruded from the best grade of pure refined lead. Uniform in wall thickness. Available in all standard styles and sizes; vented or unvented. Factory-packed in sealed cartons, plainly marked, carrying the "Dutch Boy" trademark.

DRUM TRAPS

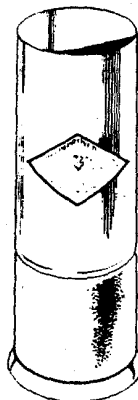


Made from pure, refined lead, drawn and spun to insure a smooth, seamless wall of uniform thickness. Available in a variety of patterns with screws of either plain brass, polished brass, nickel-plated or chromium-plated finishes. When ordering specify style by number, weight, diameter and length of body and the screw finish.



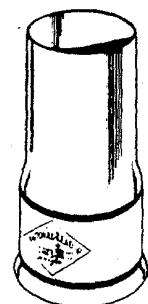
COMBINATION (Lead & Iron) BEND AND FERRULE

Carefully manufactured to insure ease of installation and a tight connection. Fitted with a cast iron drive ferrule of the highest quality.



IMPROVED (Lead & Iron) FERRULE COMBINATION

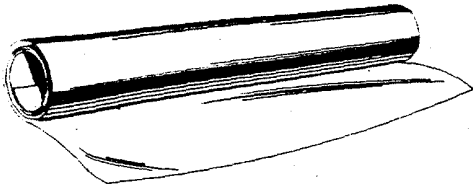
Spun with an extra long iron ferrule on the outside completely insulated from moisture. Smooth, all lead interior provides for unrestricted waste passage. Lead is spun back tightly over the bead of the ferrule. Available in all customary sizes. 4" diameter, in lengths not exceeding 14". Packed in individual cartons of 6.



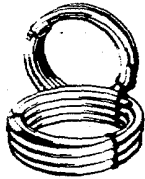
COMBINATION (Lead & Iron) FERRULES

Made only from first-grade metals to insure easy installation and a tight connection that will give long, trouble-free service. High quality cast iron drive ferrules.

SHEET LEAD.



Made from standard accepted brands of prime lead and lead alloys accurately rolled to specifications of thickness or weight. Available in all standard sizes; special sizes or weights available on short notice. Unless otherwise specified, sheet lead is shipped in rolls carefully packed in wooden slats securely fastened.

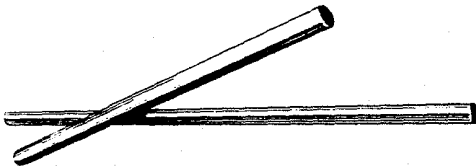


LEAD PIPE

Sold under "Dutch Boy" trademark. Made of well-refined lead by an extrusion process that produces uniform wall thickness. Sizes range from ½" to 12" inside diameter. Weight per foot and

I.D. stamped on one end. Carefully wrapped and packed for shipment. Special sizes furnished on short notice.

ROD LEAD (Burning Bar)



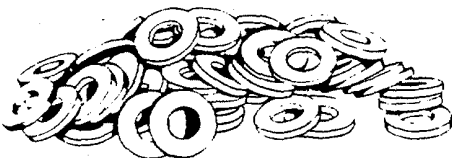
Manufactured in any desired composition and any desired shape. Bar lead furnished as cast or pressed 5 oz. bars packed in 25 lb. cartons unless otherwise specified. Size ½" thick by 8½" long.

LEAD SLEEVING



Extruded short-length lead pipe, of uniform wall thickness and smooth bore and surface. Available in all usual pipe diameters. Carefully packed for shipping.

LEAD ROOFING WASHERS



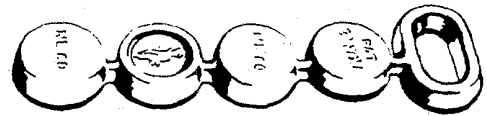
Available in practically any size and of any dimension desired. Stock sizes are packed according to customer's order, either loose or in 5 lb. cartons, in 50 or 100 lb. boxes.

ROOF FLANGES

"Dutch Boy" roof flanges are one-piece, high pressure castings of pure lead. They are durable, easily installed and readily adjustable to the roof pitch. Furnished in eight stock sizes—1½" to 6".

"Nalco" Weatherproof and "Nalco" Utility roof flanges are fabricated of soft lead, with extruded lead sleeves lead-burned at top and bottom of the junction with the base, in flat and angle patterns.

"HANDY INGOT" CALKING LEAD



Cast from selected grades of pig lead, this new "Handy Ingot" has the unique feature of the carrying handle. Each "biscuit" as well as the handle weighs about 5 lbs.

5-SECTION INGOT LEAD



Specially designed for calking purposes, each of the five sections is easily detached from the others and fits the usual melting pot. Complete ingot weighs approx. 25 lbs.

LEAD WOOL



Lead Wool is used in making calked joints on cast iron pipe and in gas and water service. Lead wool is metallic lead formed into long, uniform fibers loosely twisted into rope. The use of lead wool eliminates the melting pot and permits calking under all atmospheric conditions. Joints made with lead wool are tight and have great flexibility. Packed in 5 and 50-pound bags and on 100-pound reels; approximately one foot per pound.

Prices upon application.

BAR TIN



Pure refined tin cast in bars of about one pound each. Widely used by plumbers for enriching solder. Carefully packed in boxes of almost any weight desired.

"CINCH" DRIVE SLEEVE TYPE 28



National Lead Company's "Cinch" Drive Sleeves consist of an extension threaded male cone and its single alloy. The shield is expanded with a calking tool which is included in each box. Available in seven sizes.

Prices on Application.