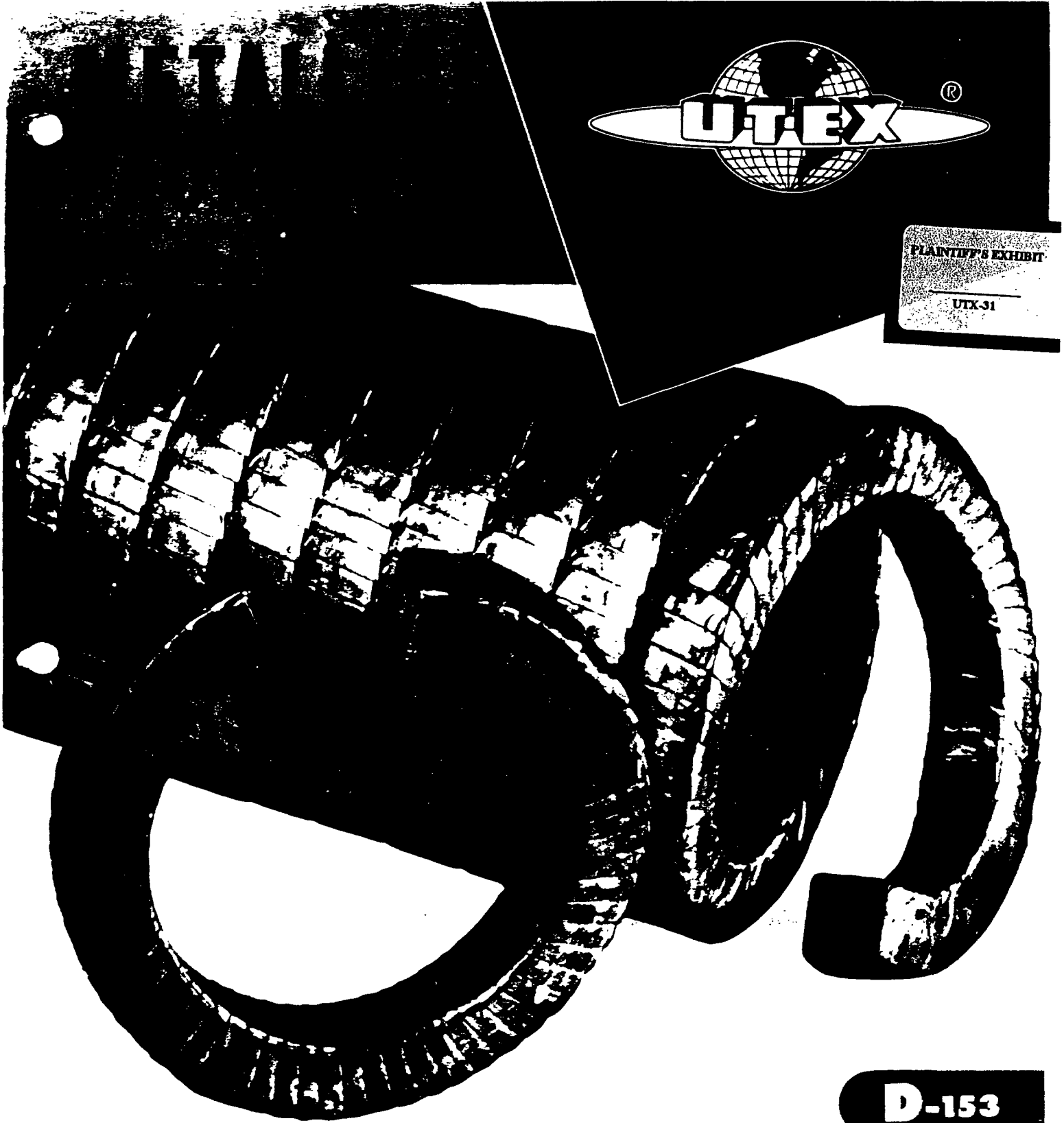




PLAINTIFF'S EXHIBIT

UTX-31



D-153

UTEX 001010

UNIVERSAL PACKING AND GASKET COMPANY

5200 Clinton Drive

Houston 20, Texas

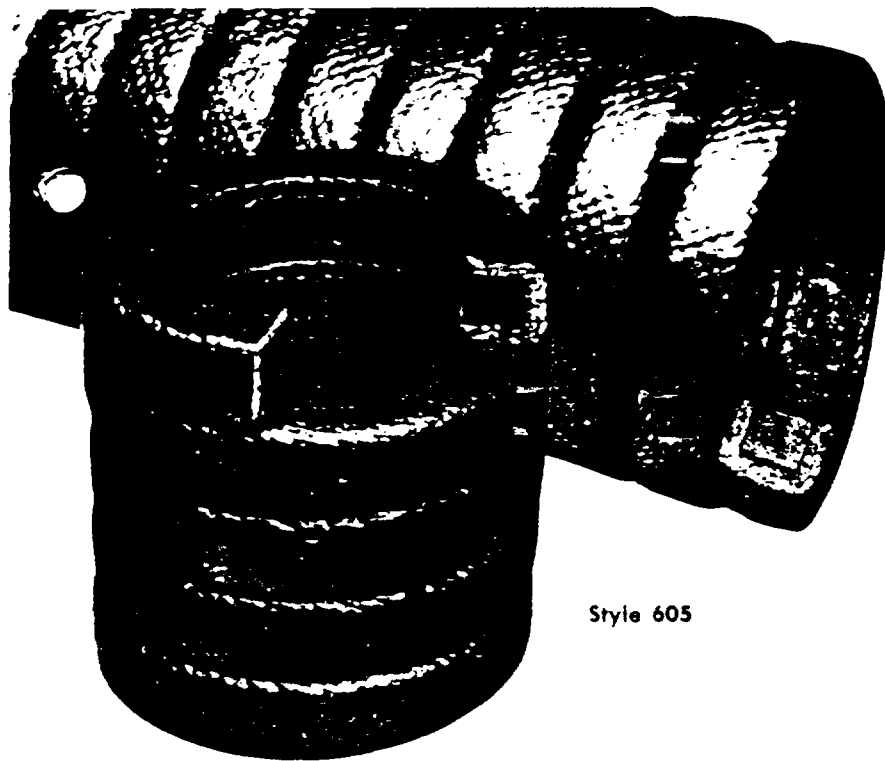


STYLE 609 SYNTHETIC RUBBER CORE FLEXIBLE METALLIC PACKING

Is made of a special alloy foil which is crimped and twisted about an oil resistant core. This core gives added resiliency and assures easy adaptability to stuffing box.

Service — Recommended for use on rods and shafts of centrifugal or reciprocating pumps, and valve stems handling light and heavy oils, gasoline, ammonia, air, hot and cold water not exceeding temperatures of 300° F. Do not use on brass or bronze rods or shafts.

Available — In spiral form in sizes 1/4" square and up. Cut ring sets to any specification.



Style 605

STYLE 605 FLEXIBLE METALLIC ASBESTOS CHANNEL PACKING

This packing is constructed of a resistant asbestos channel formed about a flexible metallic core, Style 612, which is securely fastened in the channel. The channel and core are thoroughly lubricated and graphited.

Service — Recommended for use on rods or plungers of reciprocating pumps, compressors and engines handling oil, steam, air, gas and ammonia up to 450° F. Do not use on brass or bronze rods or plungers.

Available — In spiral form in sizes 1/8" and up. Cut ring sets to any specification.

STYLE 610 FLEXIBLE FULL METALLIC PACKING

Is made up of soft ribbons of special alloy foil. It has a twisted and crimped construction with each layer of the foil thoroughly lubricated and graphited.

Service — Recommended for use on centrifugal and reciprocating pump rods, plungers and valve stems handling steam, light and heavy oils, gasoline, air, ammonia, hot and cold water, for temperatures up to 450° F. Do not use on brass or bronze rods or plungers.

Available — In spiral form in sizes 1/8" and up. Cut ring sets to any specification.



Style 610

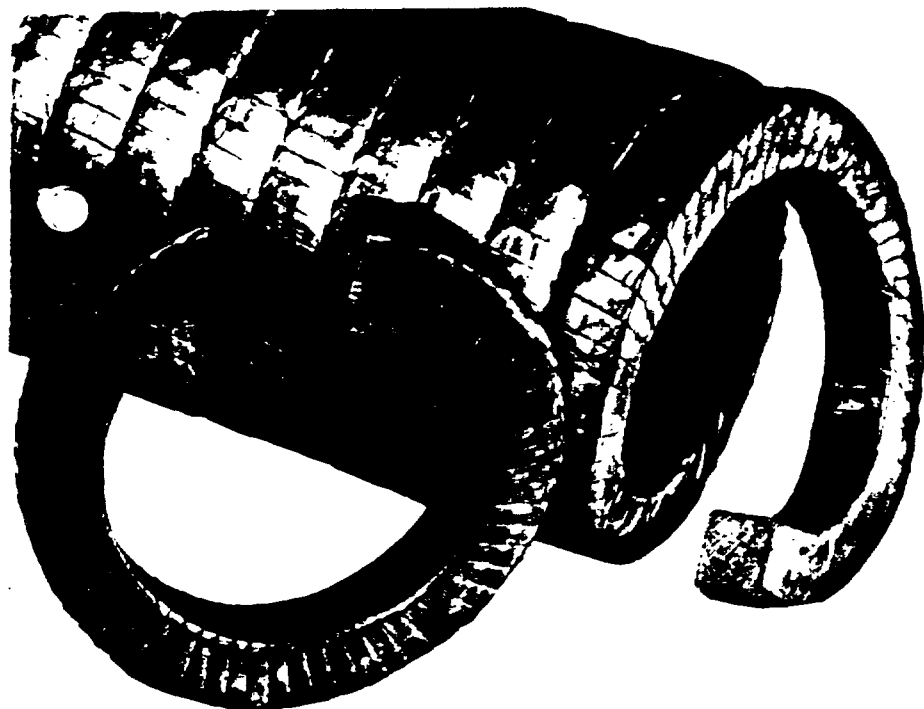


STYLE 615 FLEXIBLE METALLIC DRY ASBESTOS CORE PACKING

This packing consists of a high grade non-lubricated asbestos core covered with ribbons of special alloy foil. Each layer of foil is thoroughly treated with a high temperature oil and graphite compound, assuring proper lubrication throughout the life of the packing. The dry asbestos core offers more resiliency than is found in the all-metallic types.

Service — Recommended for use on centrifugal pumps handling light and heavy oils, gasoline, distillates, steam, water and brine. Also used on reciprocating rods and valve stems in service against light and heavy oils, gasoline, air, ammonia and steam, for temperatures up to 450° F. Do not use on brass or bronze shafts or rods.

Available — In spiral form in sizes 3/16" and up. Cut ring sets made to any specification.



Style 612

STYLE 612 FLEXIBLE FULL METALLIC PACKING

Is made up of soft ribbons of special alloy foil. It has a spiral wrapped construction with each layer of the foil thoroughly lubricated and graphited.

Service—Recommended for use on centrifugal and reciprocating pump rods, plungers and valve stems handling light and heavy oils, gasoline, air, ammonia, hot and cold water, for temperatures up to 450° F. Do not use on brass or bronze rods or plungers.

Available—In spiral form in sizes $\frac{1}{8}$ " and up. Cut ring sets made to any specification.

UTEX 001014

STYLE 613 SHREDDED METALLIC PACKING

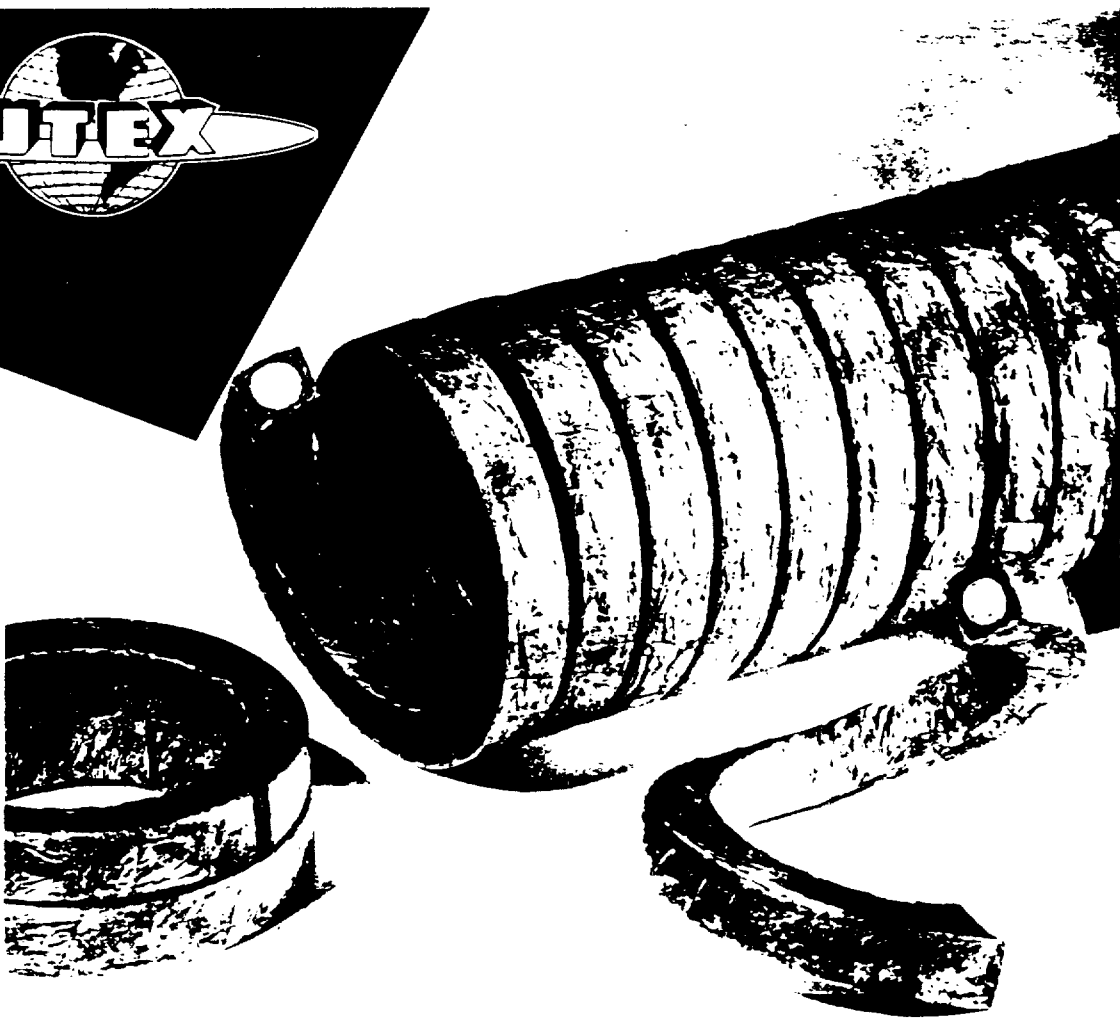
Is manufactured from long strands of anti-frictional lead alloy metal. This material is treated with a special lubricant and graphite compound. It is soft and pliable and the strands may be separated or twisted together to form packing of the required size.

Service—Recommended for service on air, water, brine, kerosene, steam, light and heavy oils up to 450° F.

Available—In bulk form in 5 lb. and 10 lb. containers. Special molded rings made from this material can be furnished in any size or quantity.

Style 613





STYLE 630 FLEXIBLE ALUMINUM FOIL PACKING

This packing is manufactured from soft aluminum foil, twisted and crimped about a high grade non-lubricated asbestos core and squared to the desired size. The aluminum foil is treated throughout with a high temperature lubricant and graphite compound. The asbestos core gives the necessary resilience and flexibility desired in adapting this type packing to various size stuffing boxes.

Service — Recommended for use on centrifugal pumps handling hot oil and asphalt up to 1000° F. Pumps should have sleeve hardness of 500 Brinnell to use this material. Also used for expansion joints and valves where an extreme high temperature packing is desired.

Available — In spiral form 3/16" square and up. Cut ring sets to any dimension or specification.

UTEX 001015



Style 620



Style 625

STYLE 620 FLEXIBLE METALLIC LUBRICATED ASBESTOS CORE PACKING

This packing is manufactured from a special soft alloy foil, twisted and crimped about a lubricated asbestos core and squared to the desired size. Each layer of the foil is thoroughly lubricated and graphited throughout.

Service — Recommended for use on centrifugal pumps handling light and heavy oils, propane, butane, and gasoline. Also on reciprocating rods against oil, gasoline, air, water and ammonia. Do not use on brass or bronze shafts or in temperatures exceeding +50° F.

Available — In spiral form in sizes 3/16" square and up. Cut ring sets to any specification.

STYLE 625 FLEXIBLE METALLIC LUBRICATED FLAX CORE PACKING

Made of soft ribbons of alloy foil spirally wrapped about a lubricated flax core. Each layer of the foil is thoroughly lubricated and graphited.

Service — Recommended for stern glands, rudder shafts, turbine shafts and in water or hydraulic services to 250° F.

Available — In spiral form in sizes 3/16" square and up. Cut ring sets made to any specification.

STYLE 640 FLEXIBLE COPPER FOIL PACKING

This packing is made up of a soft, annealed copper foil, twisted and crimped about a non-lubricated high quality asbestos core. Each layer of the foil is lubricated with a high temperature lubricant and graphited.

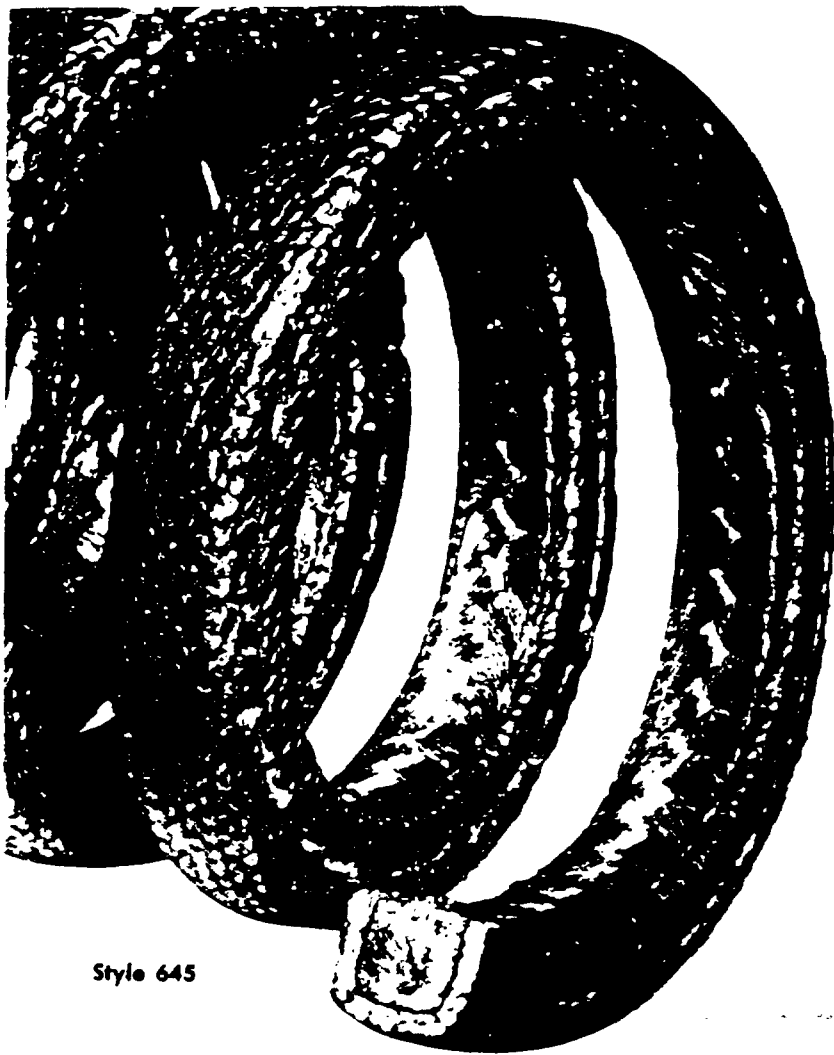
Service — Recommended for use on hot oil pumps, expansion joints, and valve stems against temperatures to 1200° F. Also used as end rings of combination sets. Do not use on brass or bronze rods or shafts.

Available — In spiral form in sizes 3/16" square and up. Cut ring sets to any specification.



Style 640

UTEX 001016



Style 645

STYLE 645 BRAIDED COPPER INSERT ASBESTOS CHANNEL PACKING

This packing is made up of soft, annealed, square braided copper about which is securely fastened a high temperature oil resistant asbestos channel. The packing is thoroughly lubricated and graphite treated.

Service – Recommended for use on rods, plungers and expansion joints, handling steam, hot oil, asphalt, tar, and other heavy liquids at temperatures to 900° F. Do not use on brass or bronze rods or shafts.

Available – In spiral form in sizes $\frac{1}{8}$ " square and up. Cut ring sets to any specification.

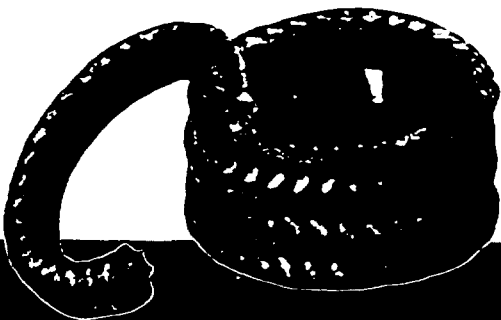
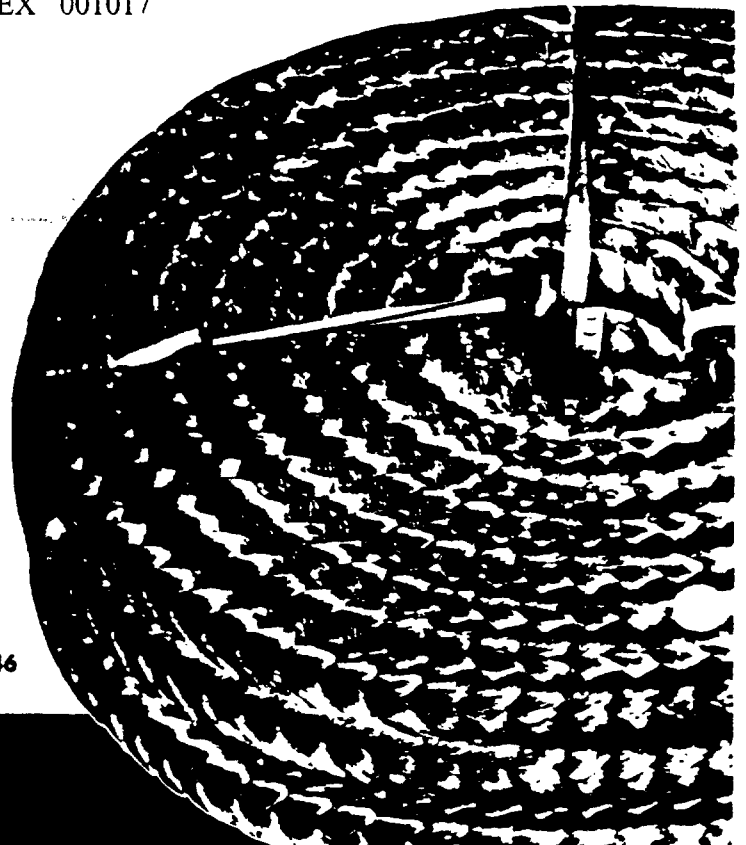
UTEX 001017

STYLE 646 SQUARE BRAIDED COPPER PACKING

Made of soft, annealed copper wires tightly braided in the plaited construction. The packing is not lubricated or graphite treated.

Service – Recommended for use as bushings or end rings where there is excessive clearance between the rod and the packing gland. Good for temperatures up to 1200° F. Do not use on brass or bronze rods or shafts.

Available – In sizes $\frac{1}{8}$ " square and up in spiral, coil or reel forms. Cut ring sets made to any specification.



Style 646