

# Lining Material - Repair Putty

## Wear-Resistant Putty (WR-2)



Wear-resistant, self-lubricating, putty type material used for repairing pump housings, guides on textile machinery, tank linings, wear strips, and chemical equipment.

Also for making machine parts and for building up worn surfaces.

Will bond to iron, steel, bronze, brass, aluminum, wood, carbide, lead, and other surfaces.

1 Lb.....UPC No. 11410  
3 Lb.....UPC No. 11420

## Ceramic Wear Putty



Trowelable and abrasion-resistant with 2 different sizes of high-alumina ceramic beads giving protection against materials up to 1/4" in dia. Apply to vertical or overhead surfaces. Forms strong bond to itself and to most metals such as iron, steel, ceramic, aluminum and brass.

## Titanium Putty



A 2 component, non-sagging epoxy with high compressive strength and 2 1/2 hour curing. It is machinable, non-rusting, has high temperature resistance, broad chemical resistance and high wear resistance. Repairs worn/gouged shafts, scored hydraulic rams, relits worn keyways, rebuilds wear ring surfaces, reseats oversized bearing housings.

1 lb. 6/case.....UPC No. 10760  
2 lb. 1/case.....UPC No. 10770

## EMERGENCY REPAIR PRODUCTS

### Magic Bond™ Epoxy Putty

Two-part epoxy putty stick seals leaks and repairs gouges steel, aluminum, wood, fiberglass, concrete and ceramics. Cures rock-hard and can be pointed, sanded, machined, topped or drilled when fully cured.

- Waterproof formula cures well under water and remains sealed long-term.

### Zip Patch™

High-technology, adhesive-impregnated, patching system that cures at room temperature.

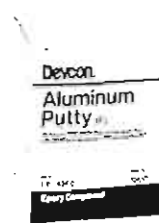
- Make permanent, waterproof field repairs to pipes, tanks and containers
- Excellent adhesion to iron, steel, stainless steel, titanium, fiberglass, aluminum, wood, ceramics, composites, acrylics, PVC and most other plastics

## Plastic Steel



A versatile epoxy tooling and repair material; contains 80% steel, 20% epoxy. Used to repair pipes, pumps, valves, tanks; rebuild and alter machinery; fill holes in castings and make jigs, fixtures, forming dies, other tools. Bonds steel, iron, aluminum, brass, glass, wood, concrete to itself or each other, easy to use, requires no heat or pressure.

## Aluminum Putty (F)



An aluminum filled, putty-type epoxy with properties very similar to those of Plastic Steel Putty. A combination of 80% aluminum and 20% plastic; used to fill holes in aluminum or steel castings; build up worn sections; make models, and for many other applications requiring an aluminum-like finish. Non-rusting.

Bonds aluminum, bronze, steel, iron, concrete and other materials to itself or each other. No heat, pressure or special tools required.

Size Container .....lb. 1 3 20  
UPC No. .... 10510 10520 10650

## Stainless Steel Putty



A stainless steel filled, putty-type epoxy with properties very similar to those of Plastic Steel Putty. Contains approximately 80% stainless steel, 20% epoxy resins and modifiers. Used for repairing stainless steel machinery and equipment in chemical plants, dairies, etc. Non-

rusting.

Stainless Steel Putty 1-Lb.  
Container.....UPC No. 10270

## Plastic Steel 5-Minute® Putty (5F)



A super-fast hardening version of Plastic Steel putty that hardens in 4 to 6 minutes. Recommended for low temperature applications, such as emergency repairs to pipes, tanks, etc. Packed in one pound cans.

Plastic Steel 5-Minute Putty.....UPC No. 10240

## Underwater Repair Putty (UW)

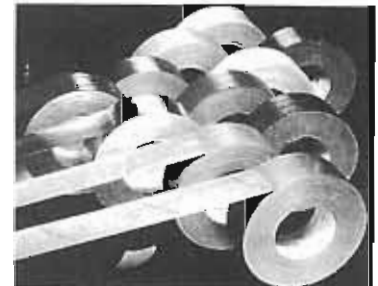


For underwater repairs or repair of cracked or broken valves or piping in wet environments. Bonds to wet metals, wood, glass or concrete at temperatures as low as 40°F.

Outstanding tensile and compression strength, good chemical resistance. Non-shrinking, non-rusting, and no galvanic reaction.

No. 11800 1 Lb

## Duct Tapes



Industrial grade, general purpose tape, recommended for use in manufacturing plants.

## FLEXANE® RUBBER REPAIR AND URETHANE CASTING SYSTEMS

### Flexane® 80 Putty

Trowelable, 100% solids, tear-resistant urethane compound used to line and repair process equipment exposed to impact abrasion, vibration, expansion and contraction.

- Bonds to metal, concrete, rubber, wood and fiberglass surfaces



### FLOOR SAVERS™ Floor Patch™

All-purpose concrete patching compound with a compression strength of 8000 psi, three times the typical strength of concrete.

- Easy to mix and apply
- Excellent resistance to water, oil, solvents and alkalis
- Functional cure in 8 hours, full cure in 16 hours
- Authorized by USDA for use in federally-inspected meat and poultry plants



# Urethane Liners

(Elastomeric Polyurethane)

- Cut / Tear Resistant
- Abrasion Resistant
- Impact Resistant - cushioning effect
- Wide Temperature Range (-40 to 180 F)
- Does Not Expand and Contract with Temperature Changes like UHMW
- Chemical Resistant
- Resists Water Absorption
- Most Versatile Lining Material
- Lighter than Steel
- Easy to Install - glue, bolt and/or weld
- Standard Size of 4 ft x 10 ft sheets
- Fabricback available in 16 and 24 inch widths as well as other widths
- Rolls Available Up To 200 ft lengths (Fabric Back Only)



16 Ga. Expanded Metal Back



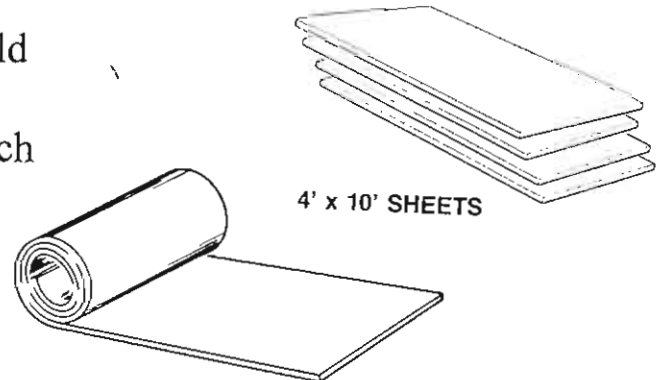
Fabric Back



Plain Back



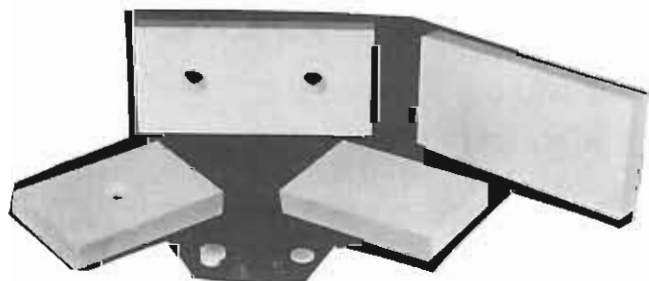
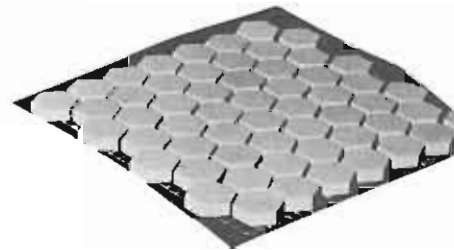
Embedded Ceramic Chip with 16 Ga. Expanded Metal Back



4' x 10' SHEETS

# Ceramic Tile Liners

- Abrasion Resistant
- Non-flammable
- Resistant to High Temperature
- Electrical Insulating Properties
- Available as:
  - Plain (or Flat) Brick
  - Weldable Brick
  - Hex Tiles on Mesh
  - Tubes
- Common Sizes:
  - Brick = 4 x 6 or 2 x 6 inch
  - Mesh = 6 x 6 inch



1.800 KC SUPPLY (527.8775)  
www.kcsupply.com

Phone 816.753.7676

Fax 816.753.0444  
email: kcsupply@kcsupply.com

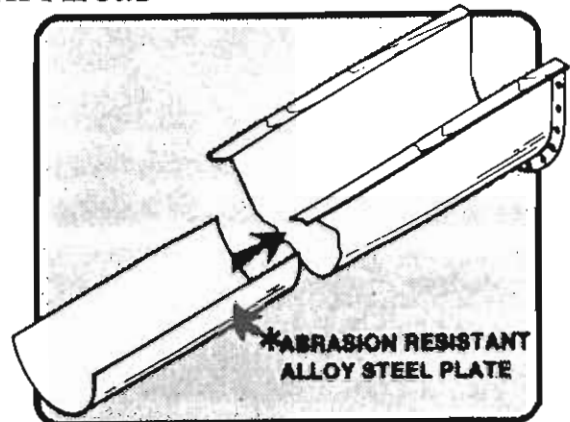
# A.R.\* Steel U-trough Liners

\*Abrasion Resistant 235 BHN

Roll-Formed to Fit All Popular Sized Screw Conveyors  
and U-Trough Drag Conveyors

Flat Sheets Available for En-Masse Conveyors  
and Other Flat Work Areas

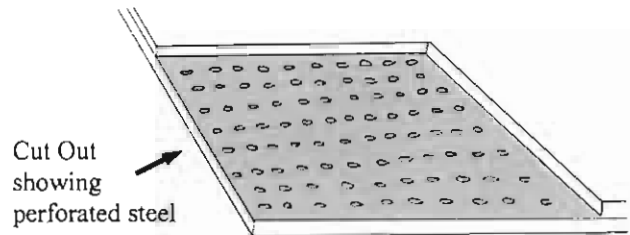
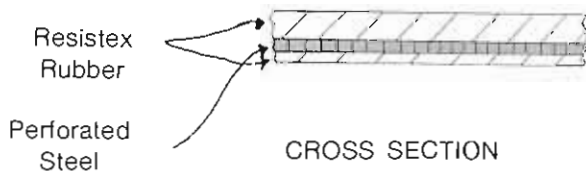
- 5 Ft Lengths Standard
- Easy to Install
- No need to disassemble conveyor
- Only need to slide liner inside of trough and secure
- Service life will far exceed original trough
- Available as Bolt-In or Weld-In
- For Weld-In, use #7018 or low hydrogen welding rod
- For Bolt-In:
  - Pre-drilled recessed bolt holes
  - 5/16" x 3/4" Flathead hex capscrews and self-locking nuts included



BOLT-IN or WELD-IN ABRASION RESISTANT LINER		
Conveyor or Screw Size	Trough Size	Weight Per 5 ft Length
6	7	23
9	10	33
10	11	36
12	13	43
14	15	49
16	17	56
18	19	66
20	21	73
24	25	108

## Rubber Sheets

- Great for Impact Resistance
- Rubber is vulcanized on perforated steel



# UHMW

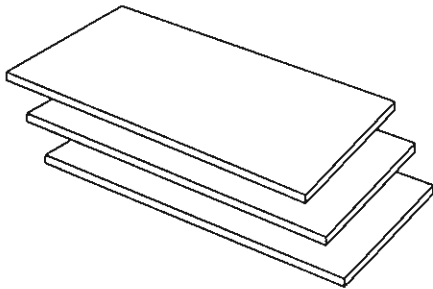
## BENEFITS:

- Excellent Abrasion Resistance
- 1/3 Weight of Steel
- Self-Lubricating
- Slick material with low coefficient of friction
- USDA-FDA Food grade resins (virgin only)
- Easily machined

## LIMITATIONS:

- May generate static electricity
- Expands and contracts with temperature changes
- Frictional heat from speed and tensile load

### UHMW SHEETING



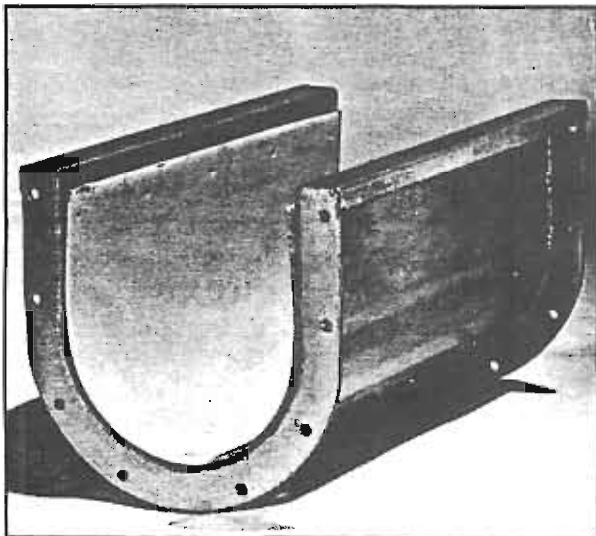
PRIME UHMW POLYETHYLENE SHEETING (PER SHEET) 48" X 120"	
THICKNESS, INCHES	WEIGHT, POUNDS
1/8	25
3/16	38
1/4	50
3/8	75
1/2	100
5/8	125
3/4	150
1	200
1-1/4	250
1-1/2	300
1-3/4	350
2	400
2-1/2	500
3	600
3-1/2	700
4	800

## AVAILABLE IN:

- Virgin
- White (Food Grade)
- Multi-colored
- Reprocessed (Green)
- Static Reduced (Black)
- Ceramic Blend (Lime Green)
- Other custom materials including nylon, urethane,

## U-Trough Liners and Spout Liners

- Pre-Formed for All Size Troughs
- Pre-Drilled
- Beveled Ends



- 45° Male and Female Beveled Ends
- Join in direction of flow will eliminate excess wear at these points
- Also available as telescoping spouts as well as full round spouting

