

# PHENOLIC – ACRYLIC – DELRIN

## HIGH PRESSURE LAMINATED PHENOLIC

Commonly called "Micarta", a trademark of Westinghouse. Laminated sheets, tube and rods are produced in many grades, sizes and colors. These laminates combine a base material - canvas, linen, paper, glass cloth or Nylon cloth, with a resin- phenolic, melamine, epoxy or silicone, under high heat and pressure to produce a new material with specific characteristics. These characteristics vary with the grade and its use.



### GRADE L (LINEN BASE) PHENOLIC SHEET

Used for precision machining and high strength applications. Sheet Size: 36" x 48". Sold in 6" x 6", 6" x 12", 12" x 12", etc. pieces only.

| Thickness (In.) | Wt. /Sq. Ft(Lbs.) | Part No. | Price. Per Sq. Ft. |
|-----------------|-------------------|----------|--------------------|
| 1/16            | .422              | 03-52400 | ---                |
| 1/8             | .844              | 03-52500 | ---                |
| 3/16            | 1.349             | 03-00111 | ---                |
| 1/4             | 1.853             | 03-52600 | ---                |
| 3/8             | 2.772             | 03-52700 | ---                |
| 1/2             | 3.685             | 03-52800 | ---                |
| 3/4             | 5.495             | 03-52900 | ---                |

### GRADE L (LINEN BASE) PHENOLIC ROD



Used to provide high-strength close-tolerance bolt holes in wooden spars. Cut rod to spar thickness, drill and ream for proper bolt fit. Drill hole in spar for slip fit of rod, then bond in spar with epoxy cement. Produced in 4 ft. lengths.

5/8" dia .....P/N 03-53100 /ft.  
3/4" dia .....P/N 03-53200 /ft.

### GRADE XXX (PAPER BASE) PHENOLIC TUBING



| O.D. (In.) | I.D. (In.) | Wall (In.) | Part No. | Price Per Ft. |
|------------|------------|------------|----------|---------------|
| 3/8        | 1/4        | 1/16       | 03-53300 | ---           |
| 5/8        | 1/2        | 1/16       | 03-53500 | ---           |
| 3/4        | 5/8        | 1/16       | 03-53600 | ---           |
| 7/8        | 3/4        | 1/16       | 03-53700 | ---           |

### CLEAR EXTRUDED ACRYLIC TUBING



| O.D. (In.) | I.D. (In.) | Wall (In.) | Part No. | Price Per Ft. |
|------------|------------|------------|----------|---------------|
| 3/8        | 1/8        | .125       | 03-53800 | ---           |
| 1/2        | 1/4        | .125       | 03-53900 | ---           |
| 5/8        | 3/8        | .125       | 03-54000 | ---           |

### GLASS EPOXY ROD



G-10 Glass Epoxy Rod - 5/8" Dia.  
P/N 03-50900 /ft.  
Other sizes available in 4-ft. lengths.

### CLEAR PVC PIPE



Clear, rigid Schedule 40 PVC pipe for sight gauges. Used in Quickie as fuel level gauge. Excellent resistance to gasoline. Nominal 1/4" pipe size (0.54" O.D., 0.33" I.D.) .....P/N 03-54100 /ft.

### WELD-ON ACRYLIC CEMENT

Fast Set - Clear, water thin solvent cement.  
P/N 03-00107



### UNMASK

For easy removal of stubborn masking paper from plastic worksaver also removes adhesive residue. Quantity Disc 10 units on this page

Quart.....P/N 03-55100  
Gallon.....P/N 03-55105



## DELRIN® ROD

Delrin® is a thermoplastic acetal resin. The most important attributes of Delrin® are high mechanical strength and rigidity, fatigue endurance and high resistance to moisture, gasoline and solvents.

This product contains Delrin® resin. Delrin® is a registered trademark of E. I. du Pont de Nemours & Co. Color: Natural. Sold by the foot.

| Diameter | Part No. | Price / Ft. | Diameter | Part No. | Price/Ft. |
|----------|----------|-------------|----------|----------|-----------|
| 1/8"     | 02-52018 | ---         | 3/4"     | 02-52034 | ---       |
| 3/16"    | 02-52316 | ---         | 7/8"     | 02-52078 | ---       |
| 1/4"     | 02-52014 | ---         | 1"       | 02-52001 | ---       |
| 5/16"    | 02-52516 | ---         | 1-1/8"   | 02-52118 | ---       |
| 3/8"     | 02-52038 | ---         | 1-1/4"   | 02-52114 | ---       |
| 7/16"    | 02-52716 | ---         | 1-3/8"   | 02-52138 | ---       |
| 1/2"     | 02-52012 | ---         | 1-1/2"   | 02-52112 | ---       |
| 9/16"    | 02-52916 | ---         | 1-3/4"   | 02-52134 | ---       |
| 5/8"     | 02-52058 | ---         | 2"       | 02-52002 | ---       |



### ACRYLIC CUTTING TOOL

This knife features a retractable blade and is used for the "score-and-snap" method of cutting acrylic. Score-and-snap works well for making straight cuts in thinner sheets (1/8" and thinner). It is not recommend this method for sheets thicker than 1/8" due to the difficulty of getting a clean break; a saw will yield better results for heavy sheets. Complete with instructions.

P/N 03-54200

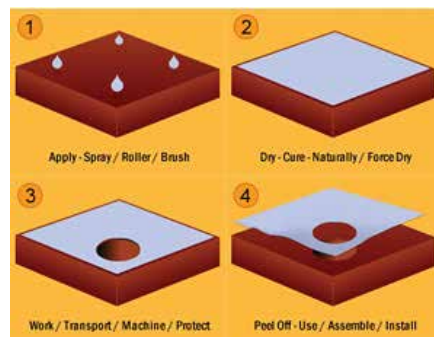
### ACRYLIC DRILL BITS



Specially ground point, 60° included tip angle, 0°rake angle, shoulder relieved, for drilling Acrylic to prevent fractures, chipping or cracking. With instructions.

| Drill Size | Part No. | Price Ea. | Drill Size | Part No. | Price Ea. |
|------------|----------|-----------|------------|----------|-----------|
| 1/8"       | 12-05489 | ---       | 5/16"      | 12-05493 | ---       |
| 5/32"      | 12-05490 | ---       | 3/8"       | 12-05494 | ---       |
| 3/16"      | 12-05491 | ---       | 7/16"      | 12-05495 | ---       |
| 1/4"       | 12-05492 | ---       | 1/2"       | 12-05496 | ---       |

### DISCOAT 4220 PLEXIGLASS PROTECTOR



General Chemical's Discoat 4220 is a CLEAR water resistant; water based peelable temporary protective coating for Aircraft windshields & windows which provides a long lasting durable protective layer that protects from scratches and oxidation. Used for protecting canopies and windshields during construction. Discoat 4220 air dries quickly, leaving a tough, yet flexible coating that is easily removed and requires no other additional step. 4220 represents the ultimate in water-based removable coating technology. It is stabilized against brittleness and is not softened or penetrated by most water-based compounds.

4220 is impregnated with transparent blue dye for easy visual inspection as well as identification and is non-staining and stable to 100 degrees Celsius. Approximate coverage: 35 sq. ft. per quart. May be applied by spray or brush. Minimum of 4 coats recommended for best results.

Quart.....P/N 03-00158  
Gallon.....P/N 03-00159