

PHOSPHORIC ACID EQUIPMENT

Superior quality linings for phosphoric acid equipment.



- PHOSPHORIC ACID EVAPORATOR
- BAROMETRIC CONDENSER
- STORAGE TANKS & RAIL CARS
- PIPES & PUMPS
- DAP UNITS & SCRUBBERS

Blair Rubber's personnel are experienced in designing and processing rubber compounds for highly corrosive and abrasive environments encountered in phosphoric acid equipment.

BLAIR'S ENDURAFLEX™ PERFORMANCE LININGS FOR PHOSPHORIC ACID VESSELS AND PIPES ARE:

VE621BC (chlorobutyl), **Hotline II™** (soft-hard-soft natural lining), and **VE822BBS** (semi-hard) for evaporators, condensers and storage tanks. **Plioweld LS582** is recommended for rail cars.

Enduraflex™ VE822BBS, 85 durometer semi-hard synthetic rubber is designed specifically for scrubber applications and diammonium phosphate (DAP) units.

Natural rubber, three-ply lining constructions have been used through the years with considerable maintenance. To minimize maintenance and to enhance the linings for chemical resistance, chlorobutyl **Enduraflex™ VE621BC** and **Plioweld™ LS582** have become the industry's preferred elastomeric linings.

Enduraflex™ VE641BC Tri-Bond™ construction is designed specifically for hydrofluorosilicic acid (H₂SIF₆) units. This three-ply construction offers the center hard core rubber for enhanced moisture and chemical resistance. The chlorobutyl surface offers excellent benefits such as increased chemical heat ozone and weather resistance.

Contact Blair Rubber's technical staff for assistance in selecting the correct lining for specific service conditions.