

## Sodium Hypochlorite and Other Bleaches

### SUPERIOR QUALITY LININGS FOR SODIUM HYPOCHLORITE AND OTHER BLEACHES

Today, numerous manufacturing companies design and supply comprehensive lines of water treatment and fluid processing equipment for industrial water purification. BLAIR RUBBER COMPANY has contributed to the water treatment industry through the years with elastomeric linings designed to handle bleach and other chemicals. Blair Rubber's personnel are experienced in designing and processing rubber compounds for this environment.

**BLAIR'S** performance linings for sodium hypochlorite and other bleaches are:

**CC4624** is a black chlorobutyl lining for concentrated sodium hypochlorite (bleach) service. It is non-sloughing, maintains its durometer values and does not become sticky after years of concentrated bleach service. Butting and capping is necessary for maximum service life. Although CC4624 will cure with open steam, pressure curing is recommended for maximum service life.

**VE-516-BC**, is a Black chlorobutyl lining with heat, weather, chemical and oxidation resistance, and bleach service. VE-516-BC offers easy application in large storage tanks and tank trailers with a lapped or butt and cap seam construction. It now comes with a butyl tie gum for easy installation. VE-516-BC is a 50 durometer chlorobutyl, is also ideal for process and storage units. Chlorobutyl has excellent oxidation, heat, chemical and water resistance. **VE-536-BC** is a popular alternative; because it is the same

chlorobutyl lining with a natural rubber tie gum.

**VE-645-BGC**, is a black chlorobutyl Tribond™ construction recommended for wet chlorine and sodium hypochlorite make-up vessels. In sodium hypochlorite make-up units, VE-645-BGC, 60 Shore A durometer, chlorobutyl rubber face stock is specially compounded for oxidation and chemical resistance, while the hard 90 durometer center core rubber resists chlorine permeation.

**BLAIR'S "TACKY BACK BONDING METHOD"** on **VE-645-BGC** offers a unique bonding tie gum to ensure a positive bond even for non-pressure atmospheric cure. Bond values for exhaust cured achieved levels of 50-70 pounds per inch. No adhesive or solvent is required on the tie gum backing for application. Thus, "TACKY BACK" tie gum reduces the environmental VOC's by 25%.

**VE-530-BEP**, a 60 durometer EPDM, is designed for a pure bleach and will not produce black speck contamination. It has the same excellent bleach and water resistance with the added feature of being FDA compliant with respect to food contact.

All Enduraflex™ linings are designed for minimal shrinkage in cure and offer good thermal flexibility. Contact BLAIR RUBBER's technical staff for assistance in selecting the correct lining for specific service conditions.