



industries3r.com

#### Danville office

Industries 3R inc.  
55, Road 116 West  
Danville (Quebec)  
Canada J0A 1A0

Telephone: (819) 839-2793  
Fax: (819) 839-2797  
Toll-free: (800) 567-2728  
Email: info@industries3r.com

#### Montreal office

Industries 3R inc.  
1479, Begin street  
Ville St-Laurent (Quebec)  
Canada H4R 1V8

Telephone: (514) 333-3971  
Fax: (514) 333-7224  
Email: info@industries3r.com

## 3R810

### TEFLON

The PTFE (polytetrafluoroethylene) is a polymer, one of the most versatile plastics known to man. The 3R810 sheet can handle virtually all chemicals in the 0-14 pH range with the exception of molten alkali metals and elemental fluorine. The 3R810 is recommended for applications in the industrial and process industries. It is more economical than the virgin PTFE.



## APPLICATIONS

The 3R810 is recommended for applications in the industrial and process industries. It is more economical than the virgin PTFE.

## SPECIFICATIONS

### Technical Data

Temperature	-200°C to 260°C (-325°F to 500°F)
Color	White
Available thickness	1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
Available sizes	48" X 48", 60" X 60" or 48" X 60" (rolls)

### Physical properties

ASTM Test- Properties	
D638-61T - Tensile strength at 73°F (psi)	1500-2400
ASTM Test - Properties	
D638-61T - Elongation (%)	75-20
D570-59aT - Water absorption (%)	0.001
D150-59T - Dielectric constant (1000cps)	2.26
D257-61 - Dielectric strength in air	450 volts/mil.

**N.B.** The information, details and values indicated are to the best of our know ledge. We recommend to conduct tests according to local conditions. The data is subject to some variations w ithout notice.