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# 3R812

## PTFE

The virgin PTFE (polytetrafluoroethylene) sheet is particularly good for applications in the food and beverage industry where high purity materials are required. It is also used where contamination or discoloration of flow media cannot be tolerated.



## APPLICATIONS

Sealing materials where chemical products are present.

## 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" ou 48" X 60" (rolls)

### Physical properties

Tensile strenght at 73°F (ASTM D638-61T) (psi)	2000-3000 psi
Elongation (ASTM D638-61T) %	100-260%
Water absorption (ASTM D570-59aT) %	0.013
Dielectric constant (1000 cps) (ASTM D150-59T)	2.4
Dielectric strength in air (ASTM D257-61) Volts /mil.	235
Specific gravity (ASTM D792-60T)	2.20-2.3

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**N.B.** The information, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.