

TEFLON

3R810

Description

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

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Specifications

Technical Data

Temperature	-200°C to 260°C (-325°F to 500°F)
Color	White
Thickness	1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
Sizes	48" X 48", 60" X 60" or 48" X 60" (rolls)
Tensile strength at 73°F (ASTM D638-61T)	1500-2400psi
Elongation (ASTM D638-61T)	75-20%
Water absorption (ASTM D570-59aT)	0.001%
Dielectric constant (1000cps)(ASTM D150-59T)	2.26
Dielectric strength in air (ASTM D257-61)	450 volts/mil.
Specific gravity (ASTM D792-60T)	2.15 - 2.2

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by

the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.