

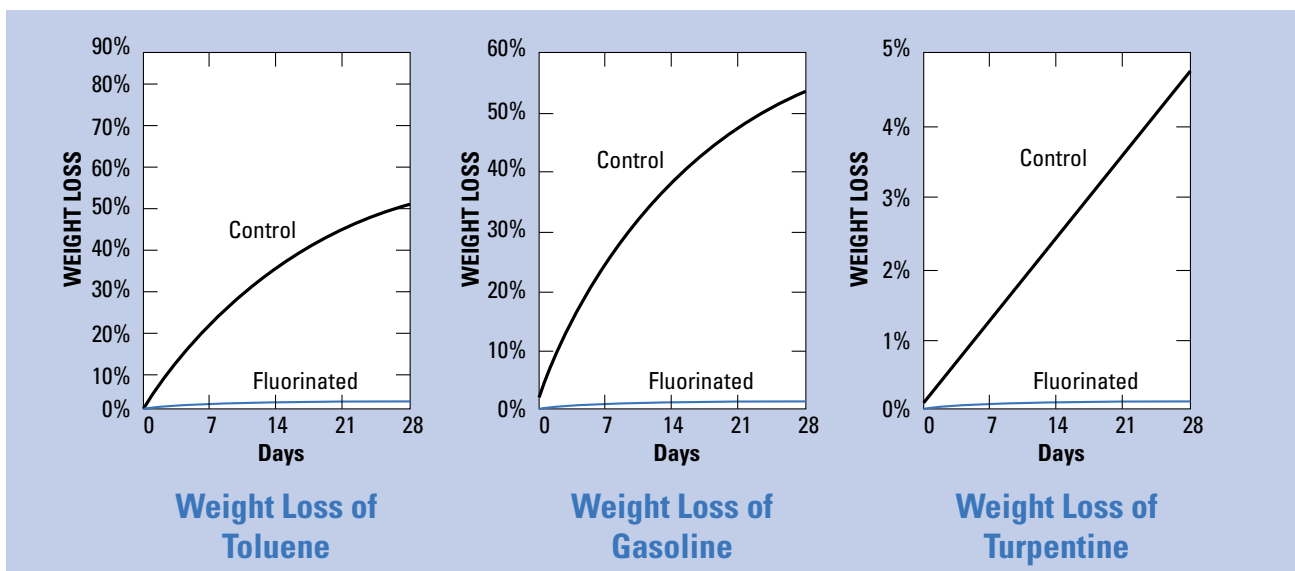
# FLUORO-SEAL



## FLUORO-SEAL FLUORINATION

Reduces Chemical Permeation

### EXAMPLES OF PRODUCT LOSS OVER 28 DAYS @ 50°C



These charts show the superiority of fluorinated containers (Level 1) compared to untreated bottles for packaging chemicals. The non-pigmented HDPE bottles were 125 cubic centimeters in size with a nominal wall thickness of 0.5 millimeters.

These weight loss tests were conducted in ovens at 50°C. The container openings were heat sealed with a liner made of aluminum foil polyester-polyethylene to insure leak tightness. Data was obtained by weighing the bottles before and after the test.

Contact your Fluoro-Seal Representative to discuss various treatment levels offered.

SOLVENT	Loss of Weight in %	
	Untreated	Fluorinated (Level 1)
1,1,1-Trichloroethane	10.5	0.03
Xylene	36.0	0.11
Gasoline	54.1	0.03
Naptha	21.1	0.10
Toluene	48.1	0.30
Mineral Spirits	9.1	0.10
Heptane	31.9	0.10
Carbon Tetrachloride	30.1	0.05
Turpentine	3.9	0.05

FLUORO-SEAL  
TRANSFORMING PLASTICS

Corporate Office: 16360 Park Ten Place, Suite 325 Houston, Texas 77084-5046  
Phone 281-578-1440 Fax: 281-578-3159 www.fluoroseal.com info@fsicorp.com

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