



## UPI "PW" POLYESTER REINFORCING FABRIC

### DESCRIPTION:

UPI "PW" Polyester Reinforcing Fabric is a woven polyester sheet product of continuous-filament polyester fibers. While the chemical and thermal properties of UPI "PW" Reinforcing Fabric are essentially those of polyester fiber, the product's woven structure endows it with an extraordinary combination of physical properties.

The distinctive characteristics of UPI "PW" Polyester Reinforcing Fabric include high tensile strength combined with high elongation, outstanding tear strength and toughness, high bulk, non-raveling edges, and excellent dimensional stability.

### TYPICAL PHYSICAL PROPERTIES:

Tensile Strength	60 lbs. of grab
Elongation	Up to 40%
Tear Strength	Excellent stress distribution
Moisture Effects	0.5% absorption at relative humidity of 98%
Sunlight Resistance retention exposure test	80% tensile strength after six-month
Temperature Resistance	Up to 350° F
Chemical Resistance	Good resistance to acids & alkalis at ph of 2 to 10 at room temperatures

### AVAILABILITY:

UPI "PW" Reinforcing Fabric is available in four sizes:

4" x 300'	(100 sq. ft.)	9 rolls per carton
6" x 300'	(150 sq. ft.)	6 rolls per carton
12" x 300'	(300 sq. ft.)	3 rolls per carton
40" x 324'	(1080 sq. ft.)	1 roll per carton

### ADVANTAGES:

1. High tensile strength and toughness.
2. High ultimate elongation.
3. Excellent tear strength.

4. Non-Raveling. No fiber breakage or dusting during handling and use.
5. Lightweight.
6. Outstanding resistance to cold cracking, chemicals and solvents.
7. Properties are not affected by water. Dimensionally stable during changes in humidity.
8. Non-irritating to the skin.
9. High resistance to splitting or cracking from thermal shock, low temperatures, freeze/thaw cycles, folding, creasing and rough handling.
10. Resistant to chemicals and solvents found in aromatic polyurethanes, asphalt and coal tar modified polyurethanes and other cold-applied systems as well as lubricants used for maintenance of rooftop motors and air conditioners.
11. Outstanding resistance to rot and water damage.
12. Temperature resistant to intermittent exposure up to 350°F (177°C).

### LIMITED WARRANTY

Urethane Polymers International, Inc. (UPI) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any UPI materials prove to contain manufacturing defects that substantially affect their performance, UPI will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by UPI with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. UPI specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of UPI's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the UPI material in question.

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