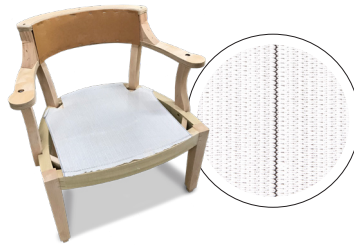


# Sytex™

Synthetic Seating Support Textiles



- 100% SYNTHETIC
- RESISTANT TO FUNGUS, MILDEW, AND HOUSEHOLD CLEANERS
- ADJUSTABLE FIRMNESS
- SURPASSES FNE 83-258-B AND BIFMA STANDARDS

UFAC Class 1  
NFPO 260A Class 1

Sytex™ is a synthetic seating support that allows you to get rid of clips, wires, pads, noise, and rollover; cuts down on material costs, space, and inventories; and reduces labor by over 70%.

## MATERIAL SPECIFICATIONS

Material:	100% polyester
Ends per inch:	14
Picks per inch:	30
Tensile strength:	200 lbs. per inch width minimum
Elongation at break:	>100%
Creep:	<04%

## TESTS

Matrex has performed numerous fatigue tests on SYTEX™ seats. The results obtained indicate excellent fatigue and aging resistance.

## TEST CONDITIONS

- 26" x 26" seat area
- 150 lb. drop from 2" height
- 20 cycles/minute
- Ozone exposure: 3ppm 72 hours at 104° F
- Heat aging: 210° F for 96 hours

## TEST RESULTS

# cycles:	% of load-bearing loss
100,000:	2.6%
250,000:	3.2%
Heat-aged and an additional 100,000:	3.7%
Ozone exp. and an additional 100,000:	4.6%

## APPLICATION

### SYTEX™ I

Applied elongation:	16-22%
Recommended use:	very soft, deep ride

### SYTEX™ II

Applied elongation:	8-10%
Recommended use:	medium seats, average seating grade

### SYTEX™ III

Applied elongation:	3-5%
Recommended use:	extra firm, institutional seating

- SYTEX™ may be applied using conventional means. We recommend 1/2" staples applied at 45-degree angles, 3 staples per inch. Due to the low elongation requirement of the product, it is simple to apply by hand. However, a machine may be used if set to the proper required elongation.
- SYTEX™ may be sewn into sleeves to obtain metal frame support. Matrex also offers a variety of clips and metal hooks.

*Leggett & Platt*  
FURNITURE COMPONENTS

800.888.4569  
HFC@leggett.com  
LPFurnitureComponents.com