

Tyvek® Soft-Structure Styles

FOR THE FASHION INDUSTRY

Tyvek® soft structure, a fabric-like material, is designed specifically for those textile applications where drape, hand, and soft feel are of prime importance. Made from very fine, high density polyethylene fibers, Tyvek® brand protective material offers all the best characteristics of paper, film and fabric in one material. This unique balance of properties, which cannot be found in any other material, makes Tyvek® lightweight yet strong; vapor-permeable, yet water-, chemical-, puncture-, tear-, and abrasion-resistant. Tyvek® is also low-linting, smooth and opaque.



1443R

14-S

1622E

DuPont™ Tyvek®
graphics
Authorized Master Distributor

Tyvek® Type 1443R offers excellent wet and dry protection and provides an excellent barrier. Soft and fabric-like in nature, Tyvek 1443R is extremely lightweight, strong, and durable. High opacity and good surface stability. Tyvek® meets all the requirements of the USA Flammable Fabrics Act, CA-191-53, for wearing apparel. *

Key Features:

- Printable
- pH 7 (neutral)
- Water-resistant
- Breathable
- Easy to sew

Typical uses:

- Indoor covers
- Kites
- Flag interlining
- Windssocks & decoys
- Promotional apparel & accessories

Tyvek® Type 14-S is a metalized version of above Tyvek® 1443R. It also offers excellent wet and dry protection and provides an excellent barrier. With its soft and fabric-like hand, Tyvek 14-S is extremely lightweight, strong, and durable. It has very good light block out properties when used as an interlining.

Key Features:

- pH 7 (neutral)
- Water-resistant
- Breathable
- Easy to sew
- Silver one side

Typical uses:

- Indoor covers
- Kites
- Flag interlining
- Bivy sacks
- Promotional apparel & accessories

Tyvek® Type 1622E is a perforated (10-15 mil, 0.25mm-0.38mm, holes) underlayment for acoustic and furniture panels to help prevent panel frames and other interior parts from showing through once the panel fabric is applied. Use it to encapsulate panel baffling to help provide a smooth look once the final panel fabric is applied. Tyvek is very strong and resistant to tearing and abrasion yet remains very flexible. It should be applied just prior to applying the finished panel fabric. Tyvek 1622E is more durable and has a higher tear strength than standard non-wovens when used inside apparel, sofa and chair cushions, too.

Key Features:

- Pin perforated
- High air and moisture permeability

Typical uses:

- Encapsulation of inner seat cushions
- Apparel interlining
- Acoustic Panel component used to cover panel frame

AVAILABLE ROLL SIZES:

Tyvek® Type 1443R (1.25 oz)

60" x 100 linear yards
60" x 10 linear yards

Tyvek® Type 14-S (1.28 oz.)

60" x 100 linear yards
60" x 10 linear yards

Tyvek® Type 1622E (1.30 oz.)

60" x 100 linear yards
60" x 10 linear yards

All rolls on 3" core. We precision cut any of our 100 yard rolls to your desired width +/- 1/8". Please note on average you will lose 25 feet worth of material.

We do not accept returns of 10-yard rolls.

For pricing, please visit MaterialConcepts.com/pricing

ACOUSTIC DATA: While we do not have sound transmission or sound absorption data for Tyvek® 1622E this style is perforated (very low acoustic resistance); thus, there is no STC value. [STC stands for "Sound Transmission Coefficient"] With regard to sound absorption, it will depend on many things, such as the absorbing material used for the panel and density and thickness of the absorbing material. As a rule of thumb, perforated Tyvek® 1622E is sound transparent in the frequency range from 0 to 8,000Hz and will not impede sound absorbing properties of the panel.

DuPont™ Tyvek® is a trademark of DuPont for its brand of protective material.



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