



DISCOVER YOUR REINFORCEMENT SOLUTION

WWW.JAMESDEWHURST.COM



James Dewhurst
HIGH PERFORMANCE TEXTILES

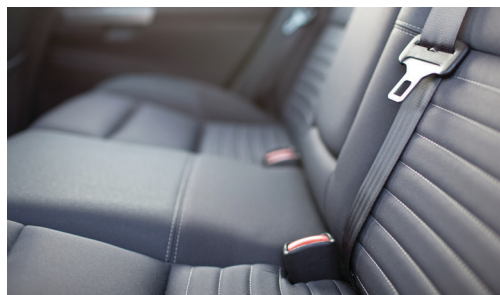




WHY JAMES DEWHURST?

From our origins in 1933 as an innovative weaving business, James Dewhurst has grown into one of the largest global manufacturers of flexible reinforcement materials. Over the last 80 years, we have built on this heritage with proprietary laid scrim processes, chemical binders, lamination and weaving technologies. Our high-performance industrial woven materials allow us to offer competitive reinforcement solutions tailored to our customers' requirements.

- Over 1 billion m² sold in 48 countries in the last 2 years alone
- Global leader in textile scrims - the narrowest, the widest, the lightest, the heaviest...whatever you need
- Total solution for performance and reliability
 - Bespoke solutions developed with our global R&D organisation
 - Dedicated manufacturing resources in the USA and Europe
 - Proprietary technology offering unique cost, functionality, and performance benefits
 - Global logistics teams to meet even your most demanding service requirements
- Specialities include the design and manufacture of textiles for light weight conveyor belts, filtration, military applications, automotive applications, aerospace, flooring, building and construction, roofing, wipes, packaging, geotextiles, glass reinforced pipes, and protective garments.

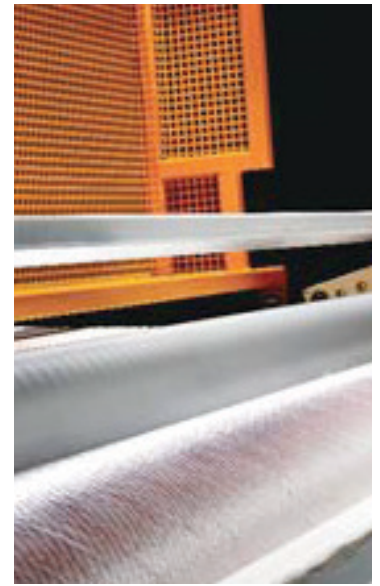


BESPOKE SERVICES

At James Dewhurst, we take pride in our dedicated technical experience with woven, laid, and laminate textiles. It's our job to work closely with our customers on a variety of new projects not only as suppliers, but as developers. This involves getting to know you and your project needs inside and out so that we can dedicate ourselves to creating the ideal solution for you.

Do you have an idea or project in mind that James Dewhurst can bring to fruition? If so, we want to be your partner. Please visit our website or contact a member of our team to find out more information.

www.jamesdewhurst.com



WOVEN TEXTILES

Our flexible loom technology and huge bank of competitive yarns make us your ideal partner for high performance industrial woven materials.

We have a wide range of looms to cope with the technical textile demands. Our looms include:

- Sulzer projectiles with widths up to 540cm
- Flexible Rapiers Sulzer up to 360cm
- Picanol looms widths up to 360cm
- Large selection of Dornier looms widths up to 400cm

With our flexible range of weaving options, from very open scrims to high density fabrics, to impregnated woven fabrics available through our in-house service called Dewlock™, we are well-positioned to meet your development needs.

An example of this bespoke development is Dewskew™. Due to demands from the composite market, James Dewhurst developed a process where we can skew a woven fabric to any angle the customer requires. This gives the customer increased tensile strength of the fabric in the direction required for the end product.

The advantage of our process is that we can change the fabric angle quickly and easily, allowing us to react to customer orders promptly.



Technical Wovens

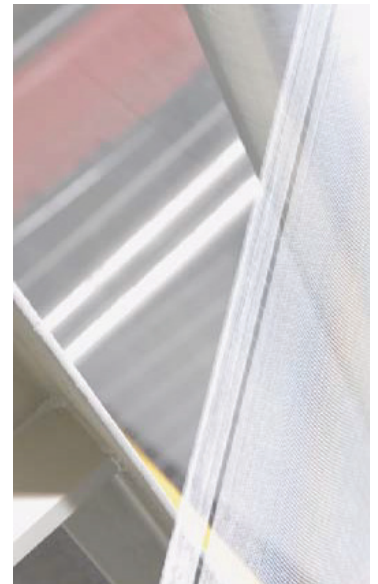
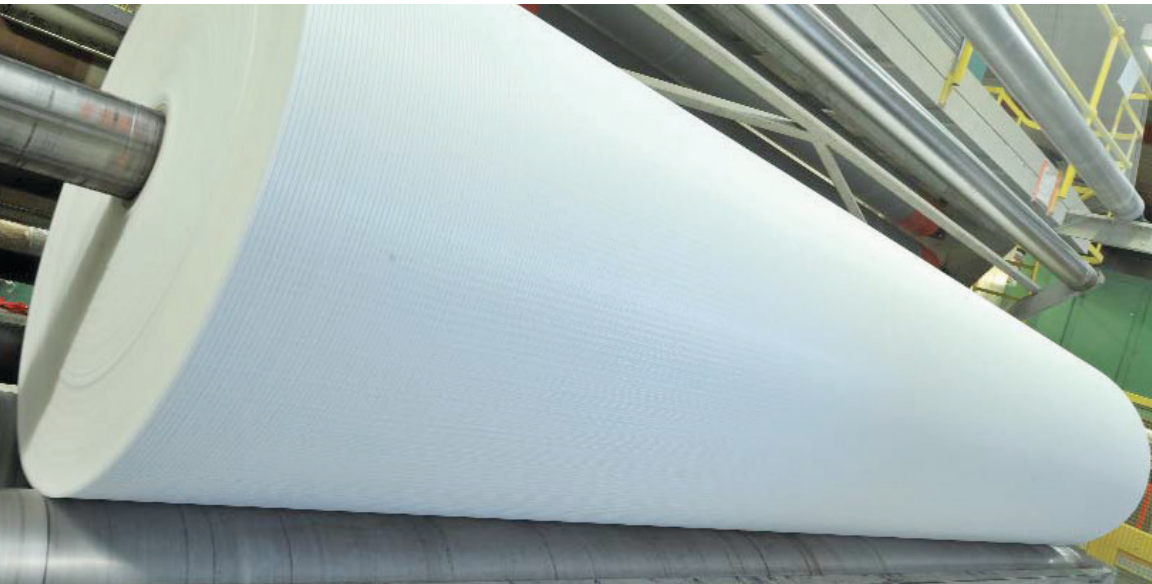
Yarn types include:

- Glass/Rovings
- Polyester
- Spun Poly
- Aramid
- Polypropylene
- Nylon

Dewskew™

- Dewskew™ skewed glass reinforcement for the composite industry
- Glass fabric woven off line and skewed in a controlled area.
- can be skewed to 30°, 45°, and 70°
- Off-line skewing ensures selvage ends will not fall out

- Fabric fully inspected during the skewing process
- Standard unscrewed fabric width - 1800mm.
- Skewed to 45° - width 1270mm.

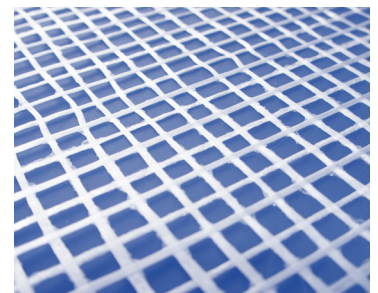
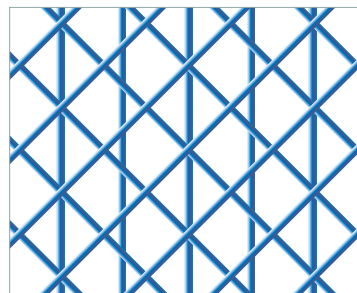
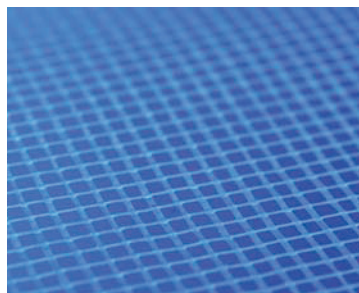


REINFORCEMENT SCRIMS

Open scrims or meshes are often the most effective solution for flexible reinforcement. Their properties can be adapted in both the machine and cross directions to offer the optimum solution. Their open construction and chemical coatings allow them to be fully bonded, functionalized and incorporated into almost any material. James Dewhurst leads this field of development with the widest and fastest technology available. Our scrims are used in construction, flooring, filtration, packaging, insulation, and a myriad of other demanding applications.

- Dewtex™ is our market leading laid scrim brand. This material offers low profile and low crimp performance.
- Triatex™ is our triaxial scrim particularly suited to ducting and insulation as well as packaging applications.
- Dewlock™ is our woven scrim offering superior geometry and tearing resistance.
- G-TEX™ is our new high density, high tenacity laid scrim textile. Using high decitex yarns, it is extremely effective for reinforcing materials requiring high strength.

Together, these 4 lines offer a complete range of scrim solutions.



Dewtex™

- 100mm to 5300mm wide
- 76 Dtex Polyester to 6000 Dtex glass
- 1 thread per 5cm to 5 threads per cm
- Roll lengths up to 150,000 linear metres
- Adhesive and adhesive weights tailored to customer application

Dewlock™

- 100mm to 5300mm wide
- 167 Dtex polyester to 2720 Dtex Glass
- 1 Thread per cm to 10 threads per cm
- Roll Lengths up to 5000 linear metres
- Adhesive and adhesive weights tailored to customer application

Triatex™

- 1500mm to 3300mm wide
- 76 Dtex polyester to 2720 Dtex glass
- Up to 5 threads per cm
- Roll lengths up to 100,000 linear metres
- Adhesive and adhesive weights tailored to customer application

G-TEX™

- High Decitex yarns and rovings
- Width of up to 5.0 m
- Roll length starting at 100m
- Ultra high tensile strength and tear resistant products

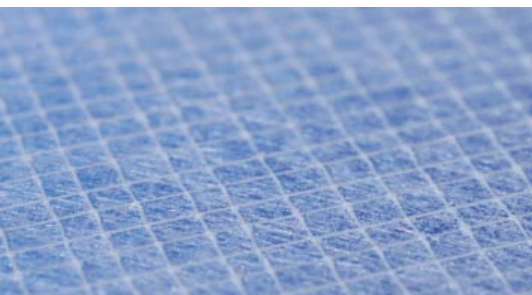


LAMINATED SCRIMS - COMBITEX™

Combitex™ is a lamination process dedicated to the process of laminating, coating and heat setting. The process is able to match Dewtex™ scrims or woven and knitted products with different substrates such as non-woven glass, polyester, or polypropylene tissues to name a few. This specialist service means we can deliver added benefits to the main reinforcement properties of our products. Some attributes to be considered are surface smoothness, dimensional stability, permeability, conductivity, UV protection, and in some cases, fire retardant improvement. With flexibility in mind, we offer a full range of widths, lengths and color options to suit your specific needs.

We can laminate dependent on customers' requirements using a variety of adhesives, substrates and scrims both woven and laid. Combitex™ is also used for fabric impregnations and has the capability to heat set woven fabrics.

- Our laminated scrim technology is marketed under the Omnitex™ brand and is used in roofing, flooring, composites and many other applications. Our product range includes most standard bitumen roofing tissue laminates.



Combitex™

- Improves strength and stability.
- Sound Insulation
- Permeability
- Fire resistance
- UV Protection



CONTACT

□ **HEAD OFFICE**
UNITED KINGDOM
JAMES DEWHURST LTD
ALTHAM LANE, ALTHAM, ACCRINGTON
LANCASHIRE, ENGLAND BB5 5YA
T: +44 (0)1282 775311
F: +44 (0)1282 774717
E: info@jamesdewhurst.com
W: www.jamesdewhurst.com

□ **USA**
DEWTEX INC
P.O. BOX 1387, TOCCOA,
GEORGIA, 30577 USA
T: +1 706 779 6989
F: +1 706 779 6987
E: rick.goraj@dewtex.us
W: www.dewtex.us

□ **GERMANY**
JAMES DEWHURST GmbH
AM SIEGBACH 4, 93354 SIEGENBURG, GERMANY
T: +49 9444 98 10044
F: +49 9444 98 10045
E: joerg.kallweit@jamesdewhurst.com
W: www.jamesdewhurst.com

□ **CHINA**
JAMES DEWHURST
E: ling.miao@jamesdewhurst.com
W: www.jamesdewhurst.com

□ **AUSTRALIA**
JAMES DEWHURST
21 BEATTY AVENUE, ARMADALE
VICTORIA, 3143, AUSTRALIA
T: +61 3 9822 3044
F: +61 3 9824 8977
E: adam@melman.com.au
W: www.jamesdewhurst.com

□ **ITALY**
JAMES DEWHURST
VIA VINCENZO MONTI 11, 20123 MILANO, ITALY
T: +39 02 4331 7454
F: +39 02 466 868
E: enrico.fusco@jamesdewhurst.com
W: www.jamesdewhurst.com

□ **INDIA**
JAMES DEWHURST
718/1, SALERIM, GOA – VELHA,
ILHAS – GOA (INDIA) 403 108
T: +91 77989 05005
E: nilesh.juwarker@jamesdewhurst.com
W: www.jamesdewhurst.com

