

THESE ARE THE MANUFACTURING BRANDS UTILIZED IN CORTECH GEAR. WE SEARCH THE WORLD OVER TO UTILIZE THE BEST MATERIALS AND TECHNOLOGIES AVAILABLE AT AFFORDABLE PRICES. CHECK THEM OUT.

YKK

The teeth, also known as elements, are the parts on each side of a zipper that mesh, or engage, with each other when passed through the slider. When the left and the right side teeth are engaged they are called chain.

The slider joins or separates the elements when the zipper is opened or closed. Various types of sliders are available depending on use.

YKK® tape is manufactured exclusively for zippers. It is usually made of polyester, but depending on use, synthetic fiber tape, vinyl tape and cotton tape are also available.

EVA Foam

Ethylene vinyl acetate (also known as EVA) is the copolymer of ethylene and vinyl acetate. The weight percent of vinyl acetate usually varies from 10 to 40%, with the remainder being ethylene.

It is a polymer that approaches elastomeric materials in softness and flexibility, yet can be processed like other thermoplastics. The material has good clarity and gloss, low-temperature toughness, stress-crack resistance, hot-melt adhesive waterproof properties, and resistance to UV radiation

$$\left[\begin{array}{c} \text{H}_2\text{C} \\ | \\ \text{CH}_2 - \text{O} - \text{C}(\text{CH}_3) \\ | \\ \text{H} \end{array} \right]_m \left[\begin{array}{c} \text{H}_2\text{C} \\ | \\ \text{CH}_2 - \text{C}(\text{CH}_3) \\ | \\ \text{H} \end{array} \right]_n$$

NEOPRENE

DuPont™ Neoprene Polychloroprene
Invented by DuPont in 1931.

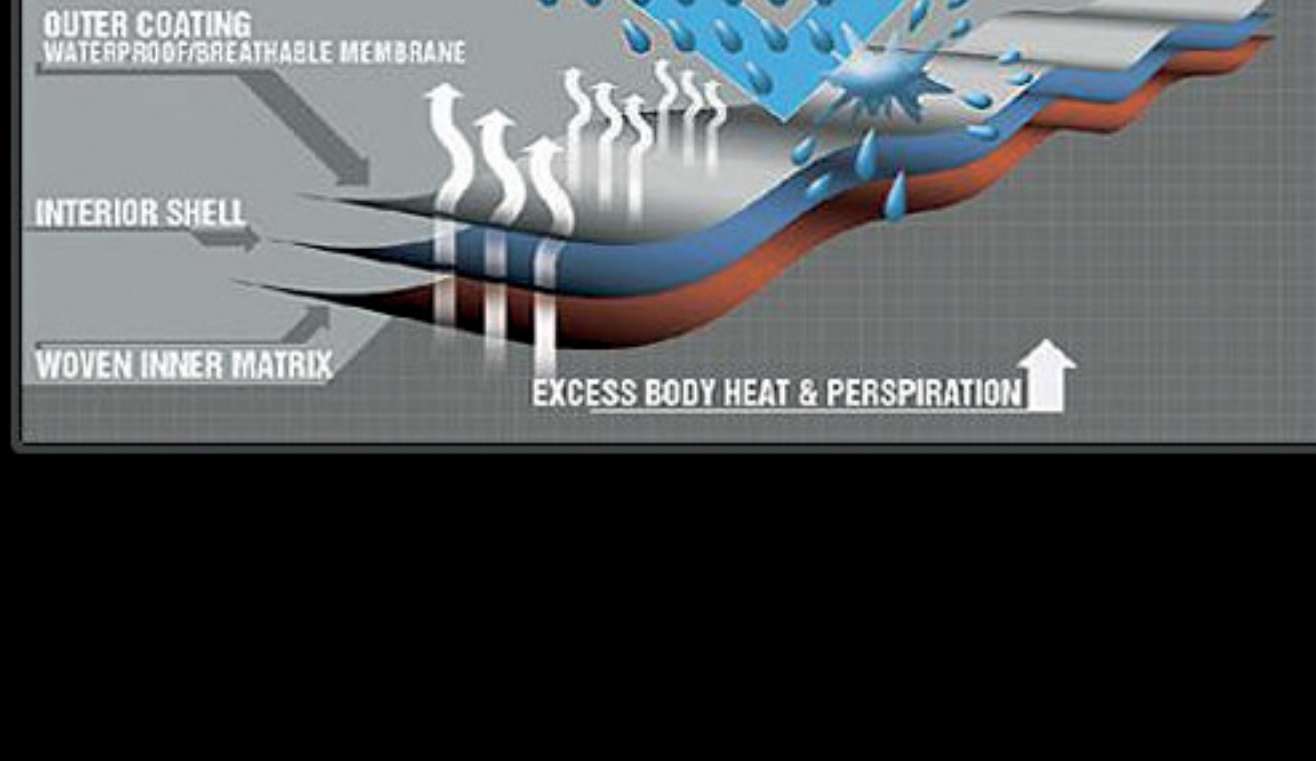
Neoprene is a versatile synthetic rubber still used for many chemical and weather-resistant applications today.

Resistant to oil, wax and grease, Neoprene can withstand temperatures from -50°C to 120°C. It's also inherently resistant to ozone, weathering, and water or soil immersion.

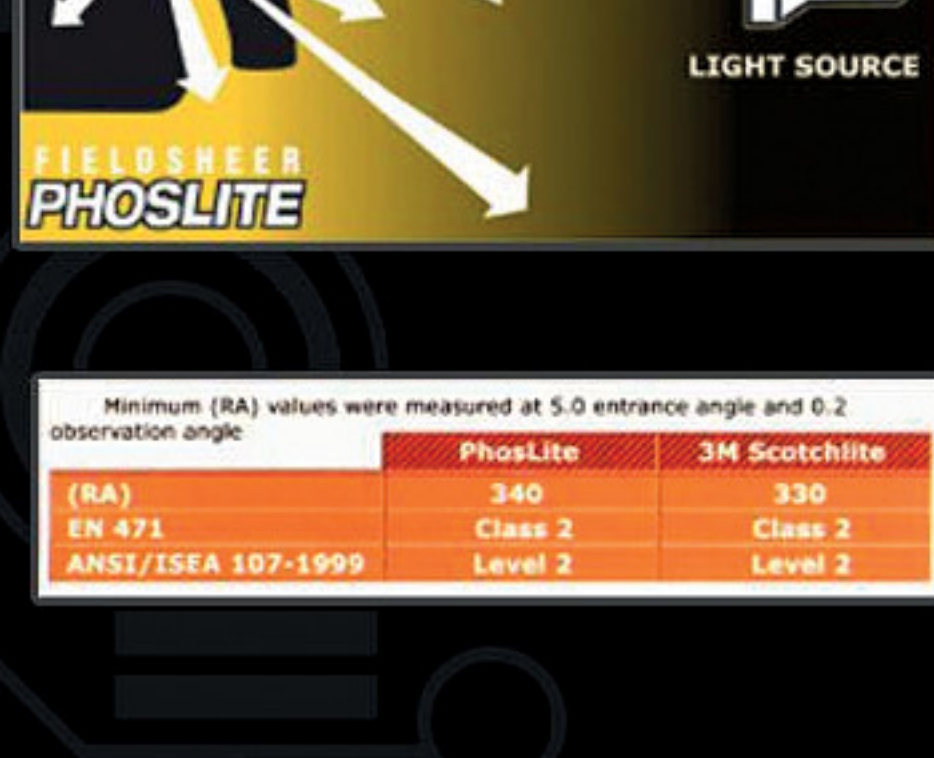


Rainguard® is a waterproof and breathable membrane that allows perspiration to escape, while preventing water from penetrating. It is light weight, durable and comfortable. This highly advanced membrane utilizes a polyurethane coating.

Rainguard® can be combined with leather, Carbolex®, or any other material to provide a waterproof and breathable interior. The way Rainguard® works is quite simple. The pores are 650 times larger than water vapor, so evaporated water can easily escape. On the other hand, the pores are 15,000 times smaller than a small drop of water, so rain and snow can't possibly penetrate.



Fieldsheer PhosLite® reflective technology is used for enhanced visibility at night or during low visibility conditions. PhosLite® is composed of millions of tiny 'retroreflective' lenses bonded to a variety of fabric backings. These lenses will reflect light straight back to the lighting source, providing reflective warnings to the light source. Retroreflective material is an industrial fabric composed of wide angle, exposed retroreflective lenses bonded with a special polymer layer to a durable 100% polyester cloth backing.



Minimum (RA) values were measured at 5.0 entrance angle and 0.2 observation angle	PhosLite	3M Scotchlite
(RA)	340	330
SAE 491	Class 2	Class 2
ANSI/ISEA 107-1999	Level 2	Level 2

Nanamax® membrane is a world-class nano-porous membrane, with a pore size as small as 0.03 micron. It has ultra high hydrostatic resistance, high moisture permeability, excellent air permeability and flame resistant performance. Furthermore, it has superior mechanical strength, high contamination resistance to oils, sweat and detergents, as well as abrasion performance



AQUATHERM

A uniquely soft and comfortable fabric that can be worn next to the skin or over thermals in the cold. A fully waterproof, thermal, full-stretch polyurethane fabric. Aquatherm is made up of a PU outer membrane and a polyester soft knit lining, next to the skin.

Aquatherm is less than a millimeter thick and remains stable, flexible strong and waterproof when fully flexed.

CARBOLEX®

Carbolex functional fabrics are a key feature in Cortech textile jackets. Carbolex provides the waterproof, breathable and abrasion resistance functionality our customers demand combined with the ease of care and durability riders seek.

Carbolex is over twice as durable vs. other nylons and polyesters in Wyenbeck Abrasion testing as well as needing 150% more energy to rip in tongue tear testing where the fabrics partially slit and then further torn apart.

1680 Denier

600 Denier

COOLMAX®

Seek comfort in clothes made with COOLMAX® fabric during low-impact sports.

COOLMAX® fabrics give enhanced performance for your active lifestyle. COOLMAX® fabric delivers wicking performance to help move moisture away from skin, the best way to alleviate the sticky, tired and irritable feeling associated with continuous sweating. Now that you feel dry and cool, go ahead and get active!

SuperFabric® materials integrate commercially available materials with custom-proprietary armor technology to create award-winning Extreme Textiles.

These durable, flexible and lightweight fabrics have been developed to be utilized in industrial, commercial, recreational and military applications around the globe. SuperFabric® material protects better, lasts longer and looks good doing it. No other material offers such value, performance and versatility - simultaneously.

Pittards manufacture specialist sports leathers for many markets.

A unique tannage enables the production of a bovine leather that is both extremely light and strong. All Pittards sports leathers are water resistant and have the properties of dryfastness and softness.

To further enhance the leather, technical properties can be added to increase benefits, including Armortan® that will increase the wear resistance of the leather by up to 40% and Microspike which is an anti-microbial treatment for the leather.

KNOX has been protecting motorcyclists for over 30 years.

KNOX is a dynamic and pro-active company, specialising in the design and manufacture of impact protection for use across a wide range of high risk sports.

As the 1st company in the world to gain CE approval for impact protection KNOX is now recognised as a brand leader in some sports.

We are ISO 9001 2000 certified.

We are the Far East to be awarded ISO 9002.

We were awarded OEKO-TEX in 2002 and maintain annual renew.

The CE marking is required for many products. It states that the product is assessed before being placed on the market and meets EU safety, health and environmental protection requirements.

The European Commission provides economic operators and consumers with information on how the process of affixing the CE marking on a product works.

Hipora consists of a three-layer microporous silicon coating structure, impregnated with microscopic aluminium flakes to enhance heat retention characteristics. The first layer prevents water penetration. The second layer achieves moisture permeability and resistance to water penetration. The third layer increase water resistance.

STANDARD METHOD

MCFT METHOD

1. While sewing procedure, there is a severe danger of deflecting membrane insert
2. During turn inside out there is a possibility of punctured membrane insert
3. mctEX performs best tactility & dexterity without loosing membrane insert by removing tie & sewing

corftech FOOTWEAR TECHNOLOGY

Manufacturers that are used in our products





GLOVE TECHNOLOGY

Manufacturers that are used in our products



- CE Approved
Internal Armor.

TPU

Thermal-plastic
Polyurethane Plastic.
Molded for protection

KEVLAR

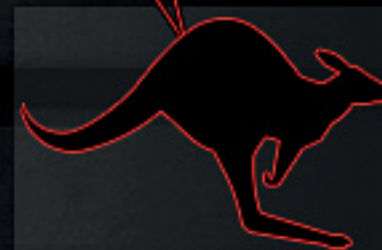
- Kevlar Stitching.



-SPS:
Scaphoid Protection System



- Highly abrasion
resistant fabric.



- High-grade
Kangaroo Leather.

KEVLAR

- High abrasion
resistance liner.

ACCORDION STRETCH

- Accordion form
fitting Fabric.

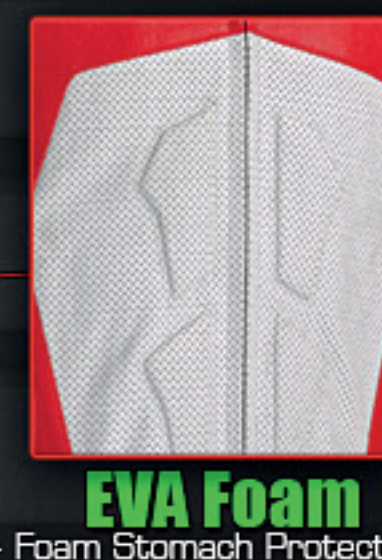
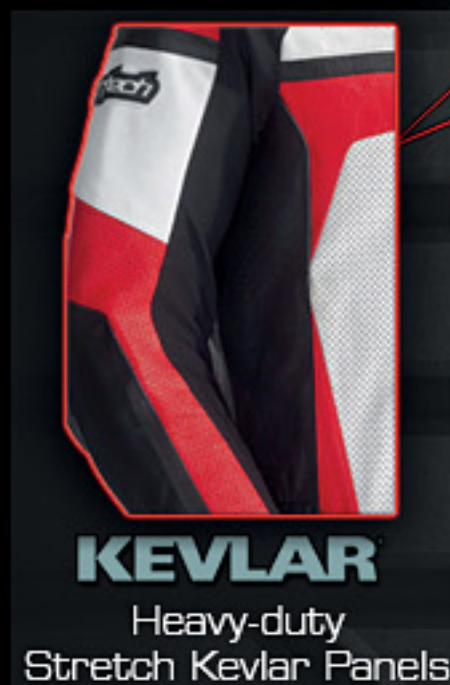




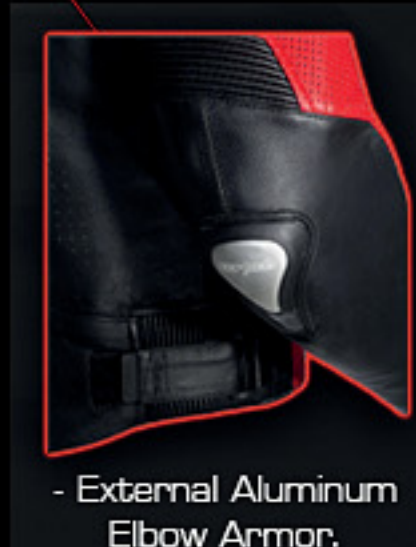
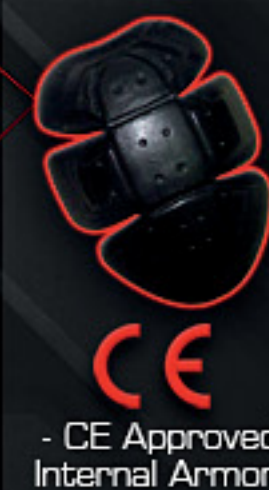
JACKET TECHNOLOGY

Manufacturers that are used in our products

FRONT



BACK





PANT TECHNOLOGY

Manufacturers that are used in our products

FRONT

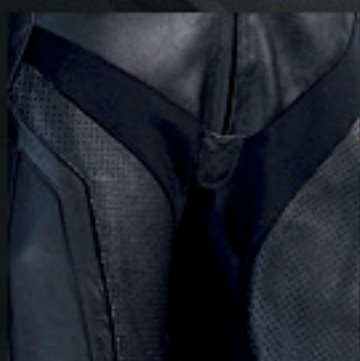
YKK
Top Quality
YKK Zippers

VELCRO™



Elastic waist with adjustable velcro strap for fine tune fitting.

KEVLAR



Heavy-duty
Stretch Kevlar Panels

CE



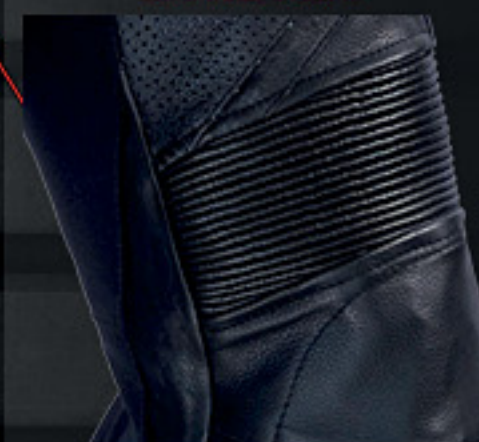
CE Approved
Internal Armor.

VELCRO™



Replaceable/removable
Knee Sliders with velcro.

**ACCORDIAN
STRETCH**



Accordion form fitting Fabric.

BACK

CE



- CE Approved
Internal Armor.

**ACCORDIAN
STRETCH**



Accordion form fitting Fabric.

KEVLAR



Heavy-duty
Stretch Kevlar Panels

YKK



Easy Access
Calf Zippers.

FRONT



BACK

