



GOTEX
Technology in Textiles

FIBRE OPTICS

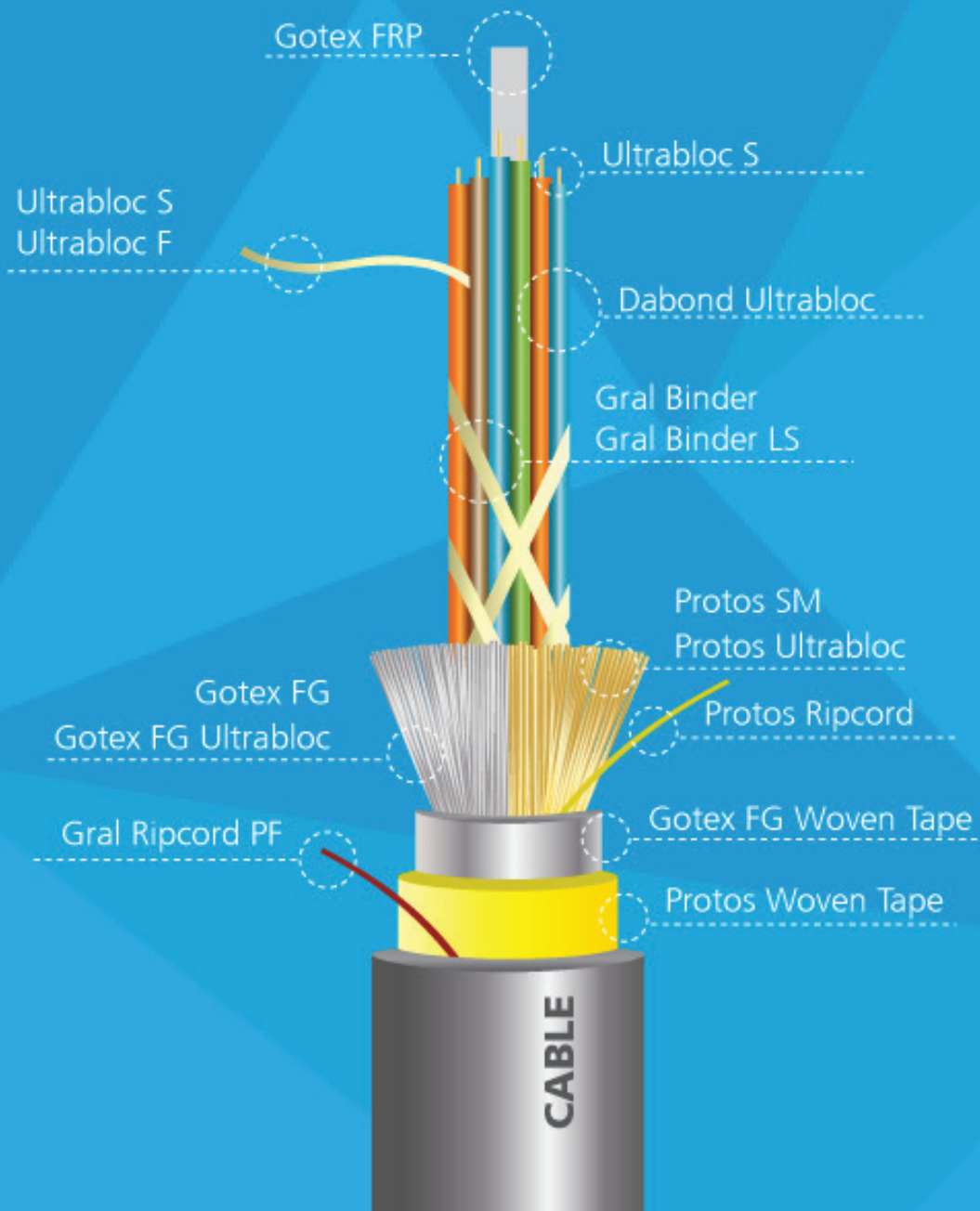
Protecting your information highway

ABOUT COATS

Coats has developed cutting edge products and services for the wire & cable industry, specifically in the area of fibre optic cable manufacturing. Offering a wide range of material substrates, our products are used as ripcords, binder yarns, marker yarns and for dry water blocking.

Combined with Gotex, a Coats Company, fiberglass and woven tape offering, we are able to provide our customers with solution-driven products. By doing so Coats becomes your partner, one that not only provides quality products, but also global service and peace of mind.

INSIDE THE CABLE



PRODUCTS

Dabond Ultrabloc

Continuous filament, high tenacity, polyester coated with an extremely smooth super absorbent water swellable finish. This is an excellent general purpose water blocking material and is appropriate for a wide variety of uses in fibre optic cables where high absorbency is needed.

Gotex FG

Rectangular shaped E-glass fibers which are used as flexible strength members and offer improved tensile strength with excellent surface finishing.

Gotex FG Woven Tape

Woven tapes made of fiberglass which are mainly utilized in cables that are located in vulnerable environments. Manufactured to provide additional resistance, they protect against rodents and fire. Additional waterblock coating can be applied to protect the cable further from underground water or rain.

Gotex FG Ultrabloc

Rectangular shaped roving E-glass fibers that are constant in width and thickness with high strength. Ideal for dry blocking in fibre optic cables for any application requiring no mess processing.

Gotex FRP

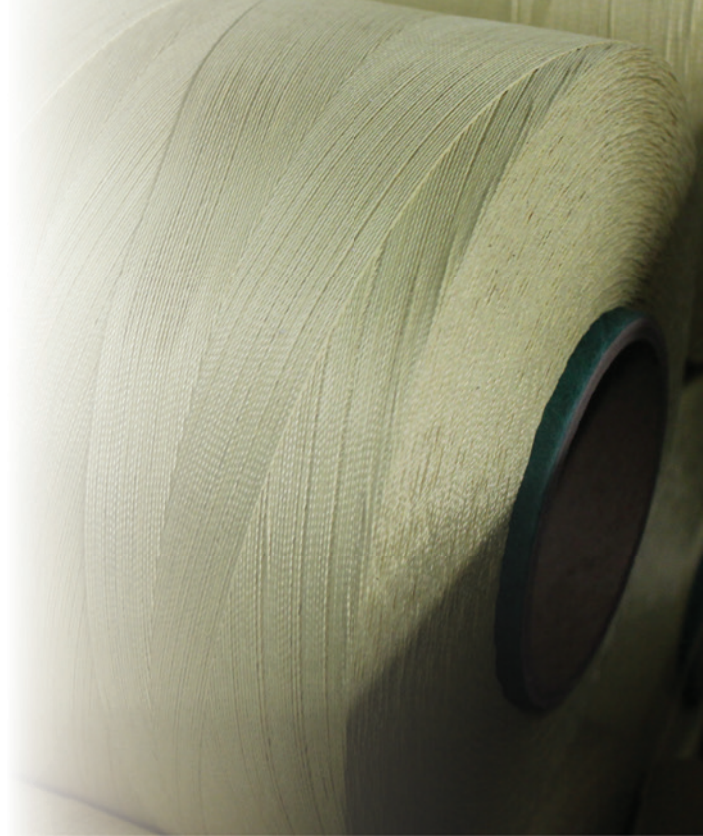
Round profiles made of E-glass (more than 80% in its composition) and resin that is used as a central strength element in optical fiber cable designs which offers excellent LASE values in combination with high flexibility.

Gral Binder

Multi-filament polyester yarn that is used in designs that call for standard low shrink (2%) binders. Packages are consistent in length, can withstand high stranding speeds and are available in one end and two end put ups.

Gral Binder LS

Multi-filament polyester yarn that is ultra-low shrink (0.4%), offers high tensile strength and will not indent buffer tubes which can cause a defect in the cable and disrupt the stranding operation. Packages are available in one end and two end put ups.



Gral Ripcord PF

Polyester based, continuous filament yarn is best used for fibre optic cable ripcord applications. The unique protective film (PF) coating is highly abrasion resistant, has greater cutting modulus, and is proven to help reduce ripcord size.

Protos Binder

Multi-filament para-aramid yarn that is used as a binder in loose tube designs requiring extra low shrink binders. Packages can be stranded in multiple directions, require less ends and are very light.

Protos Ripcord PF

Continuous filament, twisted, para-aramid yarn designed specifically for armoured cable ripcord applications. The unique protective film (PF) coating is highly abrasion resistant and proven to help reduce ripcord size.

Ultrabloc S

Water swellable yarn that is ideal for dry blocking in fibre optic cables for any application requiring no mess processing such as dry buffer tube blocking or dry blocking around central strength members. A spun super-absorbent polymer thread, the polyester core adds strength and temperature stability which are important to minimise potential impact on attenuation of optical fibres especially for inside tubes as the yarns lay adjacent to the fibres.

Ultrabloc F

Flat water swellable yarn for dry blocking in fibre optic cables around central strength members.

Protos SM

100% para-aramid fibre that is stronger than steel and offers enhanced tensile strength as well as stability to any fibre optic cable.

Protos Woven Tape

Tapes which are designed and woven to provide improved resistance, protecting cables against bullets (small caliber), and extreme climate changes. Can also be manufactured with an additional waterblock.

Protos Ultrabloc

Water swellable coated aramid for use in telecommunication cables. Available in two different types, Type A is a standard modulus that is mainly used as a water swellable binder in general telecommunication cables, and Type B is a high modulus that is utilized as a water swellable strength member for ADSS cables. Both types have some of the lowest dusting and shedding in the industry that helps reduce machine downtime and improve cleanliness and safety during the cable manufacturing process.

Find out more. Email marketing@coats.com

