

Pipe Relining  
Pipe & Tank  
Panels  
Stitched mat fabric

## E-CR glass

3B E-CR glass is boron-free and presents significantly improved corrosion resistance across a wide range of aggressive environments.

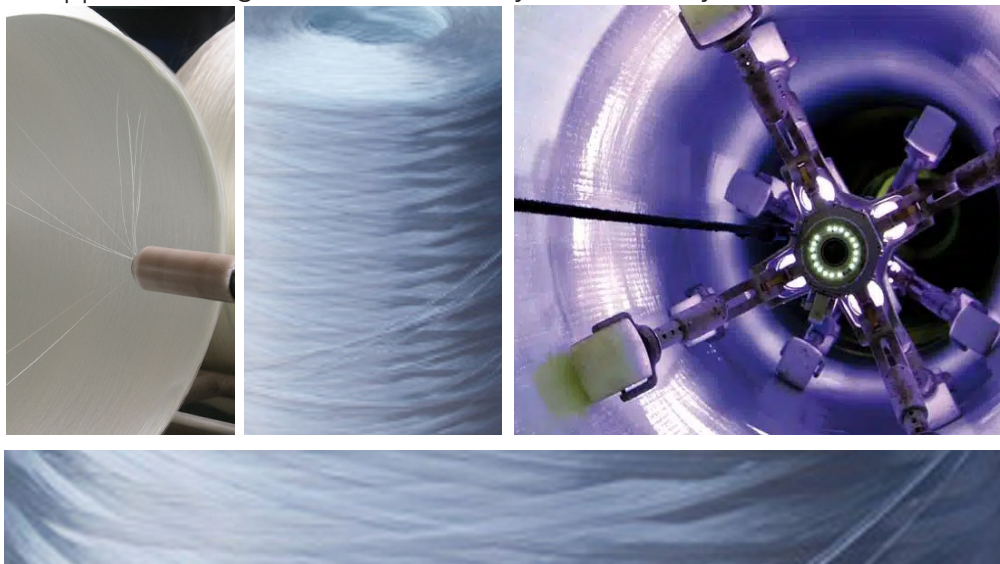
3B glass is E-CR according to ASTM D578 and ISO 2078.

This translates into important benefits for end-users over traditional E-glass: longer service life, larger safety coefficients for the same design, and material savings. Traditional E-glass includes boron and often contains added fluorides. By using new manufacturing technology to eliminate these components from the glass composition, 3B E-CR glass has become a benchmark for integrated pollution prevention and the highest energy efficiency – all in an optimized process.

3B measures its efforts and works continually to minimize its impact on the environment and to set new standards within the global fibreglass industry. This is our commitment.

## CR 3037

Choppable Roving for Unsaturated Polyester and Vinylester



### Product Description

3B's Choppable Roving CR 3037 is made out of E-CR glass. It consists of low tex strands assembled together and wound onto a bobbin shape without mechanical twist, free from statics.

Choppable Roving CR 3037 is silane sized and is compatible with resin systems such as unsaturated polyesters and vinylesters.

CR 3037 is the input of choice for the manufacturing of panels, stitched mat fabrics or pipe relining (cured-in-place pipe). It is also used as an input in the hoop of filament wound pipes or pipes produced by centrifugal casting.

3B Choppable Roving CR 3037 conforms to BS 14020 and IS 11320.

FEATURES	BENEFITS
Boron free E-CR glass	Environment-friendly, high corrosion resistance
Easy unwinding and excellent chopping	No interruption while processing, high productivity
Excellent dispersion and even distribution	Good fabric or part coverage
Good splitting efficiency and low fuzz formation	Minimal damage to fibre while processing, hence high mechanical properties
Good wet-out and impregnation	High laminate properties

# CR 3037

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## PRODUCT CHARACTERISTICS

Product name	Linear density - tex gm/km	Solid content % by weight	Moisture content %
CR 3037	2400	0.7	Max 0.2
CR 3037	4800	0.7	Max 0.2

## PACKAGING

Bobbins are individually tack wrapped for protection, improved handling and to allow optimum transfer from bobbin to bobbin. Nominal weight of bobbin is around 17kg. A pallet of size 92cm x 110cm contains 48 bobbins and 110cm x 110cm contains 64 bobbins. Bobbins are stretch wrapped with plastic film for protection.

Two pallet configurations are available:

- Bulk-pack®: standard packaging, consists of individual bobbins
- Creel-pack®: bobbins are connected together for continuous unwinding and no bobbin handling by operators

## STORAGE

Material must be stored in its original packaging without direct exposure to sun and/or water. If these conditions are maintained, the glass fibre product should not undergo significant changes when stored for extended periods of time.

It is also strongly recommended to condition it in the workshop for at least 24 hours before use to prevent condensation. For an optimal processing we recommend to use the product in ambient conditions (20°C-30°C and a relative humidity of 60%-65%).



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