

Pipe Rehabilitation

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.

CR6202

Choppable Roving for UP, VE



Product Description

3B Choppable Roving CR6202 consists of multiple continuous strands of smaller tex made from 3B E-CR glass wound onto a bobbin shape without mechanical twist and is free from static electricity generation.

Choppable Roving CR6202 is sized with proprietary chemical and

specifically designed for high end applications such as to make fabric for pipe rehabilitation application. Due to its excellent chopability, dispersion and quick wet-out these Choppable Roving finds application in processes such as filament winding.

3B Choppable Roving CR6202 conforms to BS 14020 and IS 11320.

FEATURES	BENEFITS
Boron free E-CR glass	High corrosion resistance
Easy unwinding and excellent chopping	No interruption while processing, hence higher productivity
Excellent dispersion and even distribution	Good fabrics coverage
Good air removal and quick wet-out	Good laminate surface
Good splitting efficiency & low fuzz formation	Minimal damage of fibre while processing, hence higher mechanical properties
High level of UV transmission	High productivity in UV CIPP (Cured In Place Pipe) technologies

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PRODUCT CHARACTERISTICS

Product name	Filament diameter µm	Linear density - tex gm/km	Solid content % by weight	Moisure content %
CR6202	13	2250	1.5	Max 0,2
CR6202	13	2400	1.5	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 and 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

Storage vertically in a cool and dry warehouse into the original packaging is formally recommended. More precisely ideal storage conditions are a temperature between 15°C & 35°C and a relative humidity comprised between 35% & 75%. 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 24hours 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%).

Binani



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