



# Advantex® Glass is Both an E-glass and a Boron-Free Corrosion-Resistant E-CR Glass

## ADVANTEX® GLASS IS A CORROSION-RESISTANT E-CR GLASS THAT PROVIDES THE ELECTRICAL PROPERTIES OF AN E-GLASS

Advantex® glass is both an E-glass and a corrosion-resistant E-CR-glass fiber that was developed to:

- Increase mechanical properties compared to E-glass
- Obtain the corrosion resistance of an E-CR glass

Advantex® glass meets the following glass standards:



It is accepted by many as the glass reinforcement of choice, combining the superior performance properties of both E-glass and E-CR glass.

## REFERENCES FOR E-CR GLASS DEFINITION:



Section 4.2.4:

The nomenclature “E-CR glass” is used for boron-free modified E-Glass compositions for improved resistance to corrosion by most acids.



4.1.1. Glass Used

One or several letters to specify “the glass used by the manufacturer (see table I).”

Table I

Type	General Indications
E	For general purposes; good electrical properties
D	Good dielectric properties
A	High alkali content
C	Chemical resistance
S	High mechanical strength
R	High mechanical strength
AR	Alkali resistant
<b>E-CR</b>	<b>For use in corrosive environments</b>

## ADVANTEX® GLASS DELIVERS VALUE TO END-USERS

- Reduces the risk of having a catastrophic failure
- Lowers maintenance costs
- Provides longer life of applications in the field
- Reduces down time
- Lowers overall lifetime cost

# Advantex<sup>®</sup> Glass is Both an E-glass and a Boron-Free Corrosion-Resistant E-CR glass

## Markets Where Advantex<sup>®</sup> Glass Reinforced Composites Provide Better Performance vs. Traditional Materials

- **Oil and Gas**
- **Power Plants**
- **Mining**
- **Industrial**
- **Water/Sewage**
- **Marine**
- **Tidal and sea wave energy**



Structural components for many designs



Tanks, grating and railing systems



Cooling towers in power plants



Pipe for corrosive chemicals, solvents, oil, refineries, water and sewage

**TAKE RISK OUT – PUT ADVANTEX<sup>®</sup> GLASS IN**

### THE OCV<sup>™</sup> BUSINESSES ARE WORLDWIDE SUPPLIERS

Supporting our customers with the entire Advantex<sup>®</sup> reinforcement product range including glass fiber, technical fabrics and specialty glass.

Most OCV<sup>™</sup> products are manufactured with Advantex<sup>®</sup> glass today. Ongoing conversion programs are underway in Europe, Asia Pacific and Latin America manufacturing plants while North America plants are already converted 100% to Advantex<sup>®</sup> glass.

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