



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

ADVANTEXTM 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
E-CR	For use in corrosive environments

ADVANTEXTM 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

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Markets Where Advantex[®] 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[®] GLASS IN

THE OCV[™] BUSINESSES ARE WORLDWIDE SUPPLIERS

Supporting our customers with the entire Advantex[®] reinforcement product range including glass fiber, technical fabrics and specialty glass.

Most OCV[™] products are manufactured with Advantex[®] 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[®] glass.

Contact

Advantex.americas@owenscorning.com

North America: +1 614 507 5828

Latin America: +55 19 3535 9316

Advantex.europe@owenscorning.com

Advantex.asiap@owenscorning.com

India: +91 22 6668 1717

S. Korea: +82-54-429-5782

China: +86 571 88130808 - EXT. 5682

Japan: +81 280 92 6049



**OWENS CORNING
COMPOSITE MATERIALS, LLC**
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK[™]
www.owenscorning.com
www.ocvreinforcements.com

**EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.**
166, CHAUSSÉE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32.2.674.82.11

**OWENS CORNING – OCV ASIA PACIFIC
SHANGHAI REGIONAL HEADQUARTERS**
OLIVE L.V.O. MANSION, 2ND FLOOR
620 HUASHAN ROAD
SHANGHAI 200040
CHINA
+86.21.62489922

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