Corning® EAGLE XG® Glass substrates

Innovation Timeline

Enabling panel manufacturers to innovate for thinner, lighter, and more environmentally conscious display panels

Since its introduction, EAGLE XG Glass has eliminated the equivalent of more than 6,000 truckloads of heavy metals like arsenic, antimony, and barium from entering the environment.

In Q1 2006, Corning launched EAGLE XG Glass as the first heavy-metal free, thin-film transistor (TFT) liquid crystal display (LCD) glass on the market.

**2006 Product Launch**

Q1, 2006: EAGLE XG Glass shipped in 0.7 mm thickness

Q2, 2006: EAGLE XG Glass shipped in Gen 6, EAGLE XG Slim Glass shipped in 0.5 mm thickness

Q3, 2006: EAGLE XG Glass shipped in Gen 7.5, enabling up to six 47” TV panels

Q3, 2007: EAGLE XG Glass shipped in Gen 8.5, enabling up to six 55” TV panels

Q4, 2007: EAGLE XG Slim Glass shipped in 0.4 mm thickness, thinner than denim fabric

Q2, 2008: First to Market

EAGLE XG Slim Glass shipped in Gen 10, which is as large as two king-sized beds

Q3, 2008: First to Market

EAGLE XG Glass shipped in 0.7 mm thickness

Q1, 2009: First to Market

EAGLE XG Glass shipped in Gen 8.5, enabling up to six 55” TV panels

Q2, 2009: First to Market

EAGLE XG Glass shipped in Gen 9, enabling up to six 65” TV panels

Q3, 2009: First to Market

EAGLE XG Glass shipped in Gen 10, enabling up to six 75” TV panels

Q4, 2009: First to Market

EAGLE XG Glass shipped in 0.4 mm thickness, thinner than a business card

Q1, 2010: First to Market

EAGLE XG Glass shipped in 0.3 mm thickness, thinner than a bed sheet

Q1, 2014: First to Market

EAGLE XG Slim Glass shipped in 0.25 mm thickness, thinner than a business card

Q3, 2015: First to Market

EAGLE XG Glass shipped in Gen 10.5, enabling up to six 85” TV panels

Q2, 2018: First to Market

EAGLE XG Glass shipped in Gen 11, enabling up to six 98” TV panels

Q3, 2019: First to Market

EAGLE XG Glass shipped in Gen 11.5, enabling up to six 105” TV panels

Q4, 2019: First to Market

EAGLE XG Glass shipped in Gen 12, enabling up to six 110” TV panels

Q1, 2020: First to Market

EAGLE XG Glass shipped in Gen 12.5, enabling up to six 115” TV panels

Q3, 2020: First to Market

EAGLE XG Glass shipped in Gen 13, enabling up to six 120” TV panels

Q3, 2021: First to Market

EAGLE XG Glass shipped in Gen 13.5, enabling up to six 125” TV panels

Q4, 2021: First to Market

EAGLE XG Glass shipped in Gen 14, enabling up to six 130” TV panels

2020 & Beyond

EAGLE XG Glass remains at the heart of Gen 15 manufacturing, positioning Corning to capture the fast-growing demand for large-size TVs.

Corning sold 25 billion square feet of EAGLE XG Glass, if we convert that to 32” glass panels, 25 billion square feet would circle the equator about 145 times. Enough glass to cover nearly 390,000 football fields.

Corning announced plans to invest in Gen 10.5 manufacturing facility, enabling up to six 75” TV panels

Corning opened first Gen 10.5 manufacturing facility in Hefei, China, supplying Corning EAGLE XG Glass to Corning customer BOE.

In Q1 2006, Corning launched the first Gen 11.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning sold 20 billion square feet of EAGLE XG Glass. If we convert that to 30” glass panels, 20 billion square feet would cover more than the entire Great Wall of China.

Corning opened first Gen 11 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 10.5 manufacturing facility in Hefei, China, supplying EAGLE XG Glass to Corning customer BOE.

Corning opened first Gen 10 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 9 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 8.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 8 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 7.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 7 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 6.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 6 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 5.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 4.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 4 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 3.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 3 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 2.5 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 2 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.

Corning opened first Gen 1 manufacturing facility in Taiwan, enabling Corning to ship EAGLE XG Glass within one year.