

1988

SIGRAFLEX®
50
1972
2022

Start of production of 60" (1,524 mm) wide foil line in Valencia

Since the foundation of the Valencia site in 1983 the demand for graphite foil especially by the automotive industry had increased constantly. This was a big opportunity for Polycarbon to further grow its business - especially in North America, but the capacity of the existing equipment had already been at its limits. Therefore, Polycarbon took the decision to build a new foil line in Valencia to significantly increase the capacity and participate in this market growth.

In 1988, the most technologically advanced and sophisticated flexible graphite foil line at these times called "Ultraline" was taken into operation. It made Polycarbon and its parent company SIGRI the only manufacturer in the world being able to offer 60 inch (1,500 mm) wide graphite foil.

The production process was computer driven and utilized automatic monitoring systems to tightly control impurity levels, thicknesses, densities, and area weights – all vital characteristics of Polycarbon's graphite foil, sold under the CAL-GRAPH brand at this time. The new equipment allowed Polycarbon to produce the highest quality flexible graphite in the market.

By 1990, the foil production in Valencia had already doubled.



The "Ultraline", the new 60" wide foil line taken into operation in Valencia in 1988.



A Polycarbon operator checking the production data of the "Ultraline" in the Valencia control room.