

Consumer Applications

Window Nib

Porex helps a major manufacturer of office supplies develop a new highlighter with a transparent window that allows the user to view both the line being written and the text beneath. The manufacturer sees top-selling results when the product is marketed.



Design Challenge

A major manufacturer of office supply and home office writing instruments contacted Porex about developing a new highlighter. The concept featured a viewing window for the writer to see the line being laid down and the text beneath. The challenge was to manufacture a nib of unusual geometry so that it could be assembled with a clear transparent window at a reasonable cost.

Solution

Porex worked closely with the manufacturer's engineering department to develop a U-shaped nib that would efficiently wick ink from the reservoir to the head and incorporate the clear viewing window. The concept called for a unique nib and Porex engineers were able to design the product so it could be manufactured at a reasonable cost with the existing manufacturing processes and technology.

Results

The highlighter was introduced at a writing instrument show and immediately became a top-selling product for the manufacturer.

By combining ideas, know-how and proven results with the highest standard of innovation and excellence, POREX Porous Media provides unique solutions for various applications.

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PPG-246-071706-00

www.porex.com 800.241.0195

Porex Technologies

500 Bohannon Road
Fairburn, GA 30213 USA

E-mail: porous.info@porex.com

770.964.1421 Phone
770.969.0954 Fax

Porex Technologies GmbH

Sales & Marketing Europe
Strangenhäuschen 30
52070 Aachen, Germany

E-mail: info@porex.de

+49 241 910525-0 Phone
+49 241 912426-16 Fax

Porex Technologies Sdn Bhd

Lot P.T. 74, Jalan Hulu Tinggi 26/6
Seksyen 26, Sektor A
Hicom Industrial Park
40400 Shah Alam,
Selangor, Malaysia

E-mail: sales@porex.com.my

+603 3343 4828 Phone
+603 3341 3308 Fax