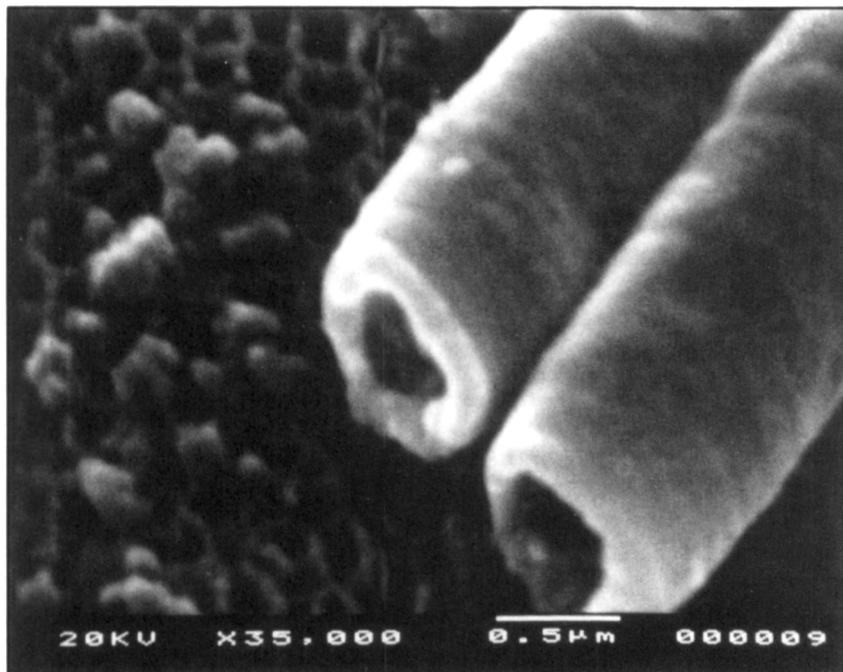


Figures appearing in the EDITOR'S CHOICE are those arising from materials research which strike the editor's fancy as being aesthetically appealing and eye-catching. No further criteria are applied and none should be assumed. When taken out of context, such figures often evoke images beyond and unrelated to the original meaning. Submissions of candidate figures are welcome and should include a complete source citation, a photocopy of the report in which it appears (or will appear), and a reproduction-quality original drawing or photograph of the figure in question.

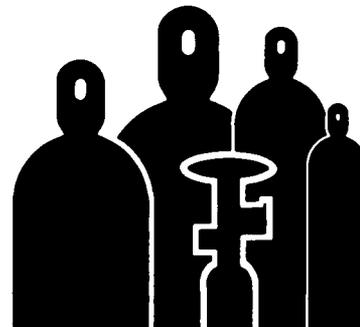


Not available yet in the plumbing-supply section of your local hardware store, this variety of polymer-based piping might not measure up to required household flow rates anyway. These half-micron diameter, eight-micron long microtubules were synthesized using a new "templating" method by C.R. Martin, L.S. Van Dyke, Z. Cai, and W. Liang of Colorado State University's Chemistry Department [*J. Am. Chem. Soc.* 112 (1990) p. 8976]. They are polypyrroles formed on the inner walls of a microporous membrane which separated a pyrrole monomer solution from a polymerization agent. Although plumbing may be a pipe dream at these dimensions, novel applications in electronics and biomedical areas are likely.

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