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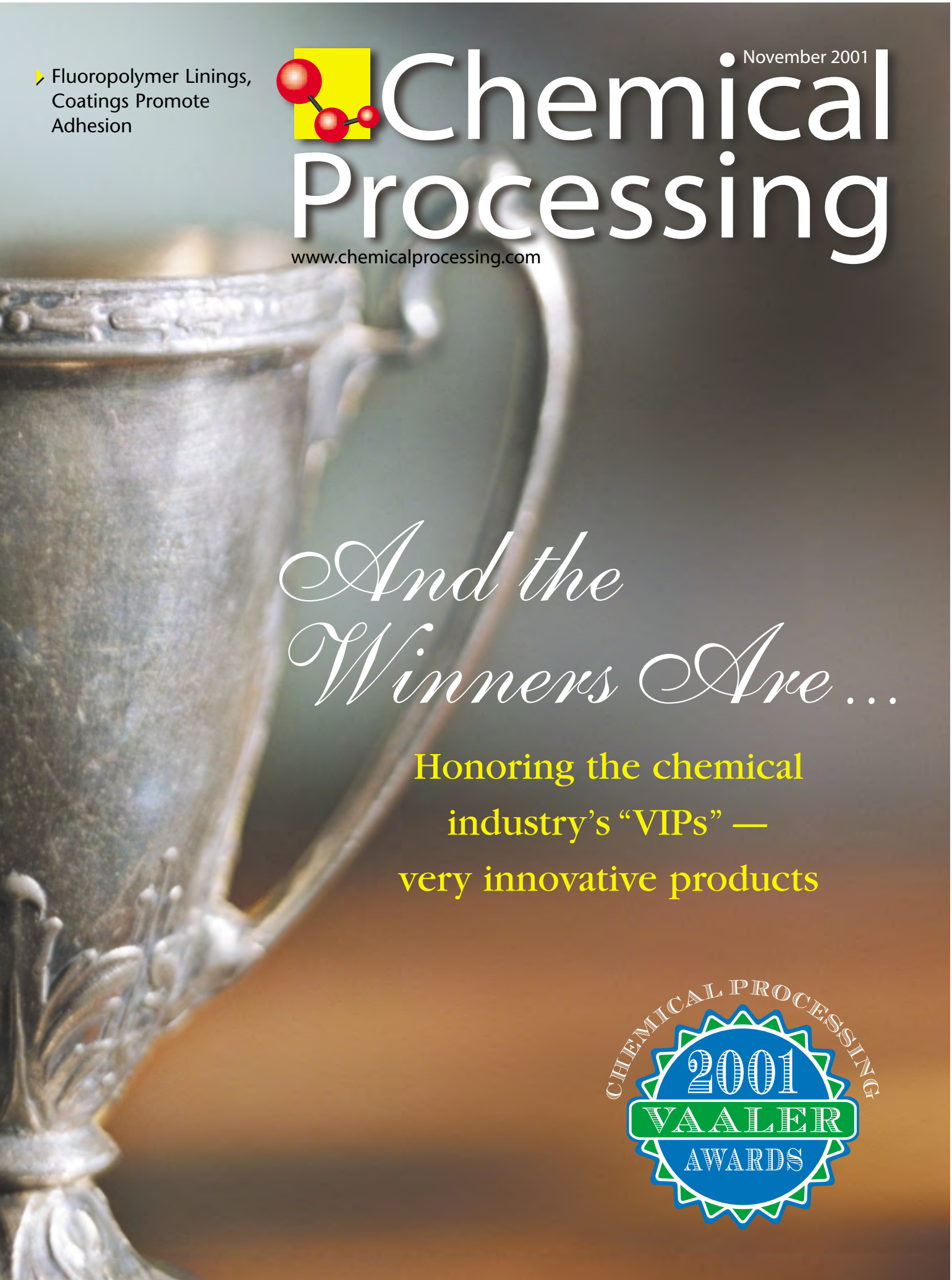
- Fluoropolymer Linings, Coatings Promote Adhesion



And the Winners Are . . .

Honoring the chemical industry's "VIPs" — very innovative products

CHEMICAL PROCESSING 2001 VAALER AWARDS

2001 Vaaler Award Winner

FLUOROGRIP® linings and coatings

Integument Technologies Inc.
Tonawanda, NY

The chemical industry constantly strives to improve its products and processes. To accomplish this, the industry relies on its suppliers to develop increasingly sophisticated products and technologies. These developments help chemical manufacturers compete and succeed in today's competitive marketplace.

Every other year, *Chemical Processing* honors these innovations through the John C. Vaaler Awards program. This year, 13 companies are being recognized for their products' technological significance, uniqueness and value to the chemical industry.

The Vaaler Awards program is the chemical industry's only awards program judged by an independent panel of experts. Judges are asked to evaluate each entry on the significance of its contribution to the chemical industry, on its novelty or uniqueness, and on its breadth of application.

The judges asked themselves such questions as:

- How does this product advance the state of manufacturing technology?
- How is it different from anything else on the market?
- How can the chemical industry benefit from the use of this product?

This year's judges (see sidebar) were selected based on their expertise and experience in the chemical industry. Each judge's extensive knowledge of the chemical industry and its manufacturing processes qualified him to evaluate this year's entries.

John C. Vaaler

The Vaaler Awards program is named after John C. Vaaler (1899-1963). Vaaler served as *Chemical Processing*'s editor-in-chief from 1946 until 1961. In 1961, he was named chairman of *Chemical Processing*'s Editorial Board — a position he held until his death in 1963.

In 1964, *Chemical Processing*'s first Vaaler Awards competition recognized those products geared for the chemical industry that most helped to improve operations or lower costs.

Subsequent competitions have continued to highlight key product developments — innovations that have improved plant operations and safety, reduced environmental impacts, increased productivity, or cut production costs.

The next Vaaler Awards competition will take place in 2003.

FluoroGrip® linings and coatings

Fluoropolymer Linings, Coatings Promote Adhesion

Integument Technologies' FluoroGrip® linings and coatings are available in a variety of fluoropolymers such as FEP, PTFE, ECTFE and MFA to suit corrosive or high-temperature environments, including primary storage and processing tanks, concrete secondary containment, piping and manholes, silos and more. Manufactured with advanced acrylic/silicone pressure-sensitive adhesive technologies, the materials are available in single-sided and double-sided versions.

FluoroGrip® materials do not rely on etching or other forms of physical degradation to promote adhesion. The materials are treated in a cold-gas plasma to produce a surface modification that permits covalent bonds with adhesives, coatings and sealants. The chemical bond formed between the materials and the adhesive can withstand a variety of industrial stresses, including extreme temperature cycling, ultraviolet light, humidity and a wide range of aggressive chemicals. Easier to install than traditional reinforced coatings and high-performance linings, the materials are temperature-resistant to 450°F and offer an installation cost similar to FRP products. *Integument Technologies Inc., Tonawanda, NY*