

Ecological foaming

Hennecke GmbH, Germany, offers patented NovaFlex® technology that uses natural carbon dioxide as a replacement for traditional blowing agents such as CFC and methylene chloride. Some benefits of NovaFlex technology include:

- l> The blowing effect of CO₂ is 3.2 times higher than that of methylene chloride;
- l> Ensures a homogeneous cellular structure without any voids or pinholes across the entire block cross-section as well as an optimum hardness and density distribution; and
- l> Optimum raw material yield.

In the NovaForm CO₂ process, liquid CO₂ can be added to both Polyol and Isocyanate. The two methods to achieve this are inline metering and batch processing. Inline metering involves injecting CO₂ into one of the two components immediately upstream of the mixhead. CO₂ percentage can be altered from shot to shot so that production is kept extremely flexible. In batch processing, the CO₂ is more or less predetermined. *Contact: Hennecke GmbH, Birlinghovener, Straße 30, D-53754, Sankt Augustin, Germany. Fax: +49 (2241) 339 204; E-mail: hennecke@hennecke.com. (Website: <http://www.hennecke.com>)*