



CASE STUDY: PT 21 PATIENT'S TERMINAL

In addition to its primary function of calling for assistance, a patient control station allows hospital patients or residents of nursing homes to easily control their lighting, TV, radio, blinds and other electronic devices from one convenient location. Even the billing system has been integrated into some devices.

The control station needs to be convenient for the patient, but it also needs to be easily sanitized, resistant to chemicals and liquids, scratch resistant, and aesthetically pleasing with a nice ergonomic form. To meet these requirements, Ackermann and Heyco chose Bayer MaterialScience's Bayfol® CR 6-2 polycarbonate blend film. The transparent film was decorated using a multi-color printing process then thermoformed using high pressure forming, punched and finally insert molded with ABS resin. In the final product all the main functions like the membrane key blocks, the display and the backlit LCD with its touch screen are integrated in the film.

Thanks to Bayfol® CR 6-2 film, Ackermann and Heyco have a product that looks good, is nice to hold and easy to use, resistant to chemicals and liquids, easy to disinfect, and durable.



Companies: Ackermann, Heyco

Product: Bayfol® CR 6-2

Markets: Consumer Electronics, Medical

Attributes: FIM, chemical resistance

Bayer MaterialScience LLC • 8 Fairview Way • South Deerfield, MA 01373 • Toll Free: 800-644-0116 • Phone: 413-665-7016 • www.bayerfilms.com

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.