

PREVENTION OF LINER CHOKE-OFF IN LINER-BASED PRESSURE DISPENSATION SYSTEM

ABSTRACT

To avoid problems associated with choke-off of a collapsible liner (e.g., disposed within a rigid overpack) during pressure dispensing of fluid therefrom, a pressure dispense package includes a choke prevention element comprising any of a perforated flange within the liner, a channel-defining flange within the liner, a film defining at least one liquid channel along an inner surface of the liner, a radial stiffening element coupled to the liner, an orifice-defining hollow internal support disposed within the liner, one or more magnetic and complementary magnetically responsive elements associated with the liner and surrounding container, or differential collapse characteristics between liner panels. Methods for preventing choke-off of a collapsible liner adapted for pressure dispensing are also provided.

Figure 1