

**VAC-PAK<sup>®</sup> HS 8171 BAGGING FILM**

**Co-Extruded High Temperature Nylon 6 Film**

**DESCRIPTION:**

VAC PAK<sup>®</sup> HS 8171 co-ex is a green-tinted, transparent, heat-stabilized, co-extruded film produced from a modified nylon resin. VAC PAK<sup>®</sup> HS 8171 co-ex is a high temperature nylon film which can be used for cures up to 400°F (205°C).

**APPLICATION:**

VAC PAK<sup>®</sup> HS 8171 co-ex is recommended as a bagging film for advanced composite fabrication and other high -temperature / pressure applications where softness, workability, pinhole-free and defect-free films are essential. The co-extrusion process combines multiple layers of resin flow into film prior to exiting the extrusion die. This process represents the most advanced "state-of-the-art" technology in blown film production. VAC-PAK<sup>®</sup> HS 8171 co-ex can be heat sealed to meet any custom shape requirements.

MECHANICAL PROPERTIES	TYPICAL VALUES	
Tensile strength:	> 14,000 PSI	984 kg/cm <sup>2</sup>
Elongation:	> 350%	
Tensile modulus:	<75,000 PSI	
THERMAL PROPERTIES	°F	°C
Maximum use temperature:	400	205

VAC-PAK<sup>®</sup> HS 8171 is available in standard thicknesses of .002" (.051mm) and .003" (.076mm) in a wide variety of sizes in lay-flat tubing, v-sheeting (centerfold) and sheeting.

Call to confirm availability.

**STORAGE AND HANDLING:** RECOMMENDED USE AND STORAGE OF THIS PRODUCT IS IN RELATIVE HUMIDITY ENVIRONMENT OF 55% OR HIGHER. VAC PAK<sup>®</sup> IS A REGISTERED TRADE NAME OF RICHMOND AIRCRAFT PRODUCTS INC. CAPRAN<sup>®</sup> IS A REGISTERED TRADEMARK OF HEYWELL.  
**NOTE:** DATA PROVIDED IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE ANY WARRANTY FOR THE PRODUCT. AS THE CONDITIONS AND VARYING METHODS OF USE ARE BEYOND OUR CONTROL, RICHMOND AIRCRAFT PRODUCTS, INC. SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR LOST PROFITS, WHICH MAY RESULT FROM THE USE, OR INABILITY TO USE THESE MATERIALS. THESE MATERIALS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.