

ADVANCED COMPOSITE SOLUTIONS

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AUTOCLOAVE VACUUM BAGGING FILM

ACS-P-XXX-170

Product: ACS-P-XXX-170

Thickness: 50μ; 65μ; 75μ

Lay flat width, format:
From 86mm up to 3500mm layflat tube or V-sheet
From 2400mm to 6000mm gusseted centrally slit.

Description and applications:
ACS-P-XXX-170 is a pink-red coloured highly flexible multilayer nylon vacuum bagging film, designed for processing of advanced composite structures and laminated security glass. The film is ideal for use in both oven and autoclave cures, up to a maximum recommended temperature of 170°C and a maximum recommended pressure of 8 bars. Key benefits of this film are its high elongation and flexibility. ACS-P-XXX-170 is suitable for use with low temperature phenolic prepregs, typically curing at 135°C.

TEST	M.U. / tol.	METHOD	VALUES		
Density	<i>g/cm³</i>	<i>internal</i>	1.05		
Product width	<i>mm / -0 +2%</i>	<i>internal</i>	nominal		
Thickness	<i>μ / ± 10%</i>	<i>ISO 4593</i>	50	65	75
Tensile strenght at break MD	<i>N/mm² / ± 10%</i>	<i>ASTM D882</i>	65	66	68
Tensile strenght at break TD	<i>N/mm² / ± 10%</i>	<i>ASTM D882</i>	60	62	64
Elongation at break MD	<i>% / ± 10%</i>	<i>ASTM D882</i>	360	370	380
Elongation at break TD	<i>% / ± 10%</i>	<i>ASTM D882</i>	370	380	390
Maximum use temperature	<i>°C / ≤</i>	<i>internal</i>	170°C		

Special notice: The above are reference values only.
For specific information on the film's suitability for use in a particular application, contact ACS technical support team for advice.
Store in original packaging at standard warehouse conditions:
ambient temperature between +5°C and +40°C, relative humidity RH between 25% and 60%, covered area protected from direct sunlight and UV light/radiation sources.
The product can be recycled, UE recycling class: OTHER - 07