

Specifications/Properties		
Property	ATB - 075	ATB - 018
Release Strength ^a (cN/cm)	<5	<30
Viscosity (cP)	80	20
Maximum Operating Temperature ^b (°C)	500	

^a Measured between polysulfide thermosetting films (e.g. Pylux-MF) and polyimide films (e.g. PMDA-ODA) and borosilicate glass carriers 2 hours post-anneal.

^b Practical limit of Ares' equipment – may be used up to temperatures of 600°C on a case-by- case basis.

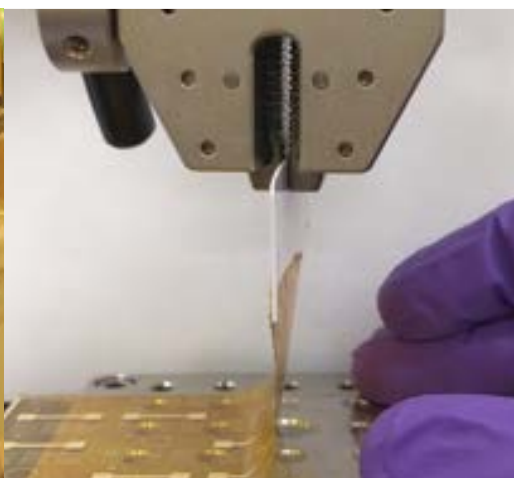
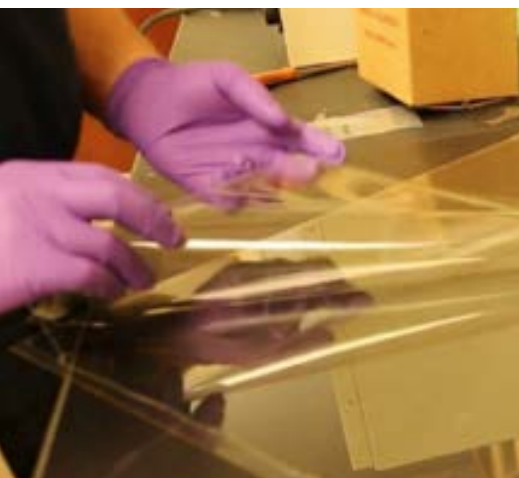
ATB is a specialized formulation that has been developed to enable the easy release of a thin polymer film coated onto a rigid carrier.

ATB can be applied with a variety of coating methods and can withstand subsequent processing at temperatures as high as 500C.

Although ATB was originally developed as a release layer for Pylux™ polymer films, it can be equally well applied for the mechanical release of polyimide film.

ATB offers a **low-cost, high-yield** (peel-off) release method for a variety of polymer films that require attachment to a rigid carrier for **microfabrication processing**.

Application Examples



Use of ATB to mechanically release 50um-thick Pylux™ MF film from a G2 display glass carrier.

Use of ATB to mechanically release 50um-thick PI film from a display glass carrier.