

Market Bulletin:

Pressure Sensitive Adhesive Backings



Monadnock manufactures fiber-based, polymer-reinforced and wet-strength flatback base stocks for pressure sensitive adhesive tapes and labels.

These base papers are used as premask for vinyl sign making as well as protective tape for wood, glass, plastic and metal surfaces, and other specialty tape and label applications.

The level and type of polymer saturation can be tailored to optimize your coating process and final product performance.

Critical Properties

- Tear resistance to withstand converting process and removal
- Smooth surface for uniform adhesive application
- Delamination resistance for superior performance in use

Below is a representative sampling of tape backing papers offered by Monadnock. Basis weight, fiber furnish, color and finish may be customized to meet your specifications. May be manufactured to Forest Stewardship Council standards upon request.

Product Matrix

Typical Properties	UOM	PREMASK		PROTECTIVE TAPE	WRITEABLE TAPE	WET-STRENGTH LABEL 100% PCW	DURABLE LABEL
		1124-033	1123-045	1806-044	1154-046	1529-058	1817-065
Basis Weight	lb/3000f ²	31	41.7	41.7	43.7	55.4	60.6
Basis Weight	GSM	50	68	68	71	90	99
Caliper	mils	3.1	4.2	3.2	3.4	4.3	4.7
Delamination Resistance	lb/in	0.7	1.4	0.64	0.49	0.41	0.8
Tensile (Dry) MD	lb/in	22	20	28	34	25	45
Elmendorf Tear CD	grams	45	78	50	53	53	90
Gurley Porosity 8-ply	seconds/100cc	35	10		355	30	13
Sheffield Smoothness	SU	210	270	130	150	130	120

This information is presented in good faith for verification and corroboration by the prospective user. No warranty is implied or to be assumed.

Pressure Sensitive Adhesive Backing Papers may be customized to meet your specifications. Inquire at info@mpm.com.
 Monadnock papers are manufactured under strict requirements of ISO 9001:2008 Quality and ISO 14001:2004 Environmental Management Systems.
 Monadnock is an FSC® certified paper mill FSC C018866. The FSC label ensures responsible use of forest resources.