

# POLIPACK

UNDERPACKING CALIBRATED POLYESTER FOR SHEET FED AND WEB OFFSET PRESSES



A range of calibrated underpacking polyesters that offer maximum dimensional stability, ensure the strongest adhesion and leave no residues after use



**POLICROM  
SCREENS**

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UNDERPACKING CALIBRATED POLYESTER FOR SHEET FED AND WEB OFFSET PRESSES

Calibrated polyester foils, specially designed for the underpacking of plate and blanket cylinders in offset printing presses, featuring the following advantages:

- ✓ High dimensional stability
- ✓ Easy repositioning
- ✓ Excellent durability
- ✓ Easy to remove after use with no adhesive residues left on the cylinder
- ✓ The special formula of the adhesive ensures over two years of shelf-life

The line includes:

**POLIPACK AA**, with high shear adhesive strength. Developed for sheet fed presses

**POLIPACK MT-AA**, with high shear adhesive strength and a matte surface. Developed for high speed web presses.

**POLIPACK WA**, without adhesive. Developed for sheet-fed presses.

Available in rolls 1080mm, 1300mm and 1680mm, depending on type and thickness (see table), and in sheets cut to fit any press (minimum quantity 4 sheets per type and size)



Clean and degrease the cylinder

Apply polipack making sure it is aligned with The slot

Seal the edges with silicon as needed

Pull gently while the cylinder is still warm



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# POLIPACK ADVANTAGES OVER COMPETITIVE PRODUCTS

	POLIPACK	COMPETITIVE PRODUCTS	
		PAPER	ADHESIVE PET
PERFORMANCE	<ul style="list-style-type: none"> <li>✓ High dimensional stability</li> <li>✓ Does not absorb moisture nor chemicals, thus remaining stable in thickness</li> <li>✓ Easy to reposition</li> <li>✓ Highest adhesive shear strength thanks to the special coating technology</li> <li>✓ No special orientation of cut thanks to the biaxial orientation of the polyester</li> <li>✓ No slippage even at high speed rotation (MT-AA version)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Not dimensionally stable as it is sensitive to the humidity and moisture</li> <li>✓ Unstable thickness: may increase when wet</li> <li>✓ Not available in adhesive version</li> <li>✓ Must be cut with consideration to fibre direction</li> <li>✓ Not firmly sticking onto to cylinder</li> </ul>	<ul style="list-style-type: none"> <li>✓ Show inconsistency in adhesive shear strength</li> <li>✓ Not dimensionally stable (if made of PVC)</li> </ul>
EASE OF USE	<ul style="list-style-type: none"> <li>✓ Easy to reposition</li> <li>✓ No glue residues left onto the cylinder when removed even after prolonged use</li> <li>✓ Easy cleaning of the cylinder before the mounting of a new sheet of Polipack</li> </ul>	<ul style="list-style-type: none"> <li>✓ Difficult to remove after usage as it remains stuck onto the cylinder</li> </ul>	<ul style="list-style-type: none"> <li>✓ May leave glue residues on the cylinder after usage and require extra time to clean the cylinder before mounting a new under packing</li> </ul>
DURABILITY	<ul style="list-style-type: none"> <li>✓ Long lasting as it is not affected by humidity, moisture etc.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Short lasting as it is affected by moisture and humidity</li> <li>✓ Low mechanical resistance</li> </ul>	
STORAGE	<ul style="list-style-type: none"> <li>✓ Can be stored for more than two years with no change in adhesive performance</li> <li>✓ Not flammable</li> <li>✓ Easy to dispose of (no PVC content)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Long storage can affect the product's performance as it is very sensitive to humidity.</li> <li>✓ Need of conditioned storage</li> <li>✓ Fire extinguishing equipment is needed</li> <li>✓ Easy to dispose of</li> </ul>	<ul style="list-style-type: none"> <li>✓ Shorter shelf life</li> <li>✓ Not easily disposable if containing PVC</li> </ul>
VALUE FOR THE MONEY	<ul style="list-style-type: none"> <li>✓ Although more expensive than paper, Polipack is more economical in the long run because it needs to be replaced less frequently (lower cost of the material and labour)</li> <li>✓ Very low minimum order requested: only 4 sheets of the same size and thickness</li> </ul>	<ul style="list-style-type: none"> <li>✓ Cheaper per unit but more expensive in use because of higher consumption and more labour cost.</li> <li>✓ Minimum order 100 sheets of the same size and thickness</li> </ul>	<ul style="list-style-type: none"> <li>✓ Much more expensive compared to Polipack</li> </ul>

