

## Laminating

Laminating is the process of gluing a thin layer of plastic from 5 to 20 microns thick onto a printed document. Laminating is an expensive process but can give a stronger, heat resistant, waterproof, scratch resistant high gloss finish.

### Processes

The process of laminating is not the same as encapsulating as both sides do not have to be covered. Once the printed document is dry, laminating can begin by passing the document through a laminating roller, force is added to press and heat is added to bond the plastic film to the paper/card. The plastics used are:-

**Orientated Polypropylene** - maps, brochures, catalogues, book covers, cards, POS displays, carrier bags

**Polyester** - When heat resistance is needed e.g. table mats

**Nylon** - Where scuff resistance is needed e.g. workshop manuals

**Acetate** - Where gluing and blocking is needed e.g. car

Advantages	Disadvantages
<ul style="list-style-type: none"> <li>○ Waterproof highly protective</li> <li>○ Prolong the life of the print</li> <li>○ Glossy appeal</li> </ul>	<ul style="list-style-type: none"> <li>○ Time consuming</li> <li>○ Expensive</li> </ul>



