

Expert 15DR - 155gsm Deep Red Film

AppFactory Expert 15DR is a 155 gsm 2-side deep red matt aqueous coated polyester film, optimised for Production & Digital Press print applications.

Physical characteristics

Property	Typical Value	Unit	Test Method
Weight	166 +/- 5	gsm	Internal Method
Thickness	123 +/- 4	μ	Electronic Micrometer
Opacity	>98	%	TAPPI T519
Gloss 60°	<4	%	BYK Gardner
Shrinkage	MD <0.37 TD >0.1	%	5 minutes @ 150°C (297mm length)
Tensile Strength	MD 14 TD 17	KgF/mm2	ASTM D882-83
Elongation at break	MD 180 TD 120	%	ASTM D882-83
Melting Point	250	°C	ASTM E794-85
Usage Temperature	-40 to +120	°C	Internal method

Compatibility:

Suitable for most thermal transfer and dry toner (laser/LED/flash fusion) print processes, both mono and colour small-volume, mid-volume & production machines. On such machines the user must establish for themselves the optimum settings and paper path, being aware of the thickness and weight of the material.

Applications and characteristics:

It has a smooth matt deep red surface giving a strong dense image with excellent print adhesion and can be printed on both sides where equipment allows.

- ✓ Water resistant, wipeable and punchable.
- ✓ **Excellent for file dividers and high visibility signage and tagging.**
- ✓ Can also be used to create instruction manuals or documents for use in harsh environments and replaces the need for paper to be printed and then encapsulated.



Availability

Availability	Sheets/Pack
A4	100/500
A3	100/250
SRA3	100/250

Recommended conditions

For use	10°C - 30°C, 40% - 55% RH
For storage	10°C - 20°C, 20% - 55% RH
Shelf Life	24 months after delivery (under recommended storage conditions)

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