

# JAC SHEETS

## DIGILABEL DRY TONER FILMS

### FSC® CERTIFIED

**Description of JAC® Digilabel Dry Toner Films FSC® Certified** - have been specially developed for the use on dry toner printing systems. The face material guarantees a good toner adhesion to avoid damage when scratching. The superb flatness ensures good runability, smooth passing through the machine and clean kiss-cutting. Make sure the surface is clean, dry and free of oil or grease before applying the label.

#### Print carrier

#### Average values

**Jac® Datapol FSC® Certified** – transparent, white or silver polyester films with matt or gloss finish and a toner receptive surface.

**Jac® PE Laser FSC® Certified** – white, matt polyethylene film with a toner receptive surface.

**Jac® PP Laser FSC® Certified** – biaxially oriented, white, matt polypropylene film with a toner receptive surface.

The face material, FSC® C011032 certified, is sold as FSC® Mix Credit.

	Datapol White Matt	Datapol White Gloss	Datapol Transp. Matt	Datapol Transp. Gloss	Datapol Silver	PE Laser	PP Laser
Weight (g/m <sup>2</sup> )	74	76	54	70	80	115	93
Thickness (µm)	50	50	46	50	55	173	109
Shelf life of laminate <sup>1)</sup> (years)	2	2	2	2	2	2	2

<sup>1)</sup> Refers to adhesion and printability when stored in original packaging in dark, dry conditions at a temperature of 22 ± 2°C and a relative humidity of 50% ± 5%.

#### Adhesive

#### Average values

**DURO AL 170** - is a solvent-based permanent acrylate adhesive. It is distinguished by its excellent light-fastness, ageing stability and plasticizer resistance. It also displays very good transparency and very good processing properties.

**EXTRA DURO AL 180** - is a crystal clear, solvent-based permanent acrylate adhesive with max. UV- and weather resistance. Good initial and final adhesion together with a higher ageing stability compared to standard permanent adhesives. Resistant against high temperatures.

**DURO D 2010** - is a general purpose permanent, acrylic-based adhesive. The adhesive is characterized by a high initial tack, excellent adhesion and good low temperature performance on a wide variety of substrates.

**DURO E 400** - is a permanent acrylic based adhesive which performs excellently on very difficult surfaces, e.g. HDPE drums. It also offers good medium-life durability and is therefore ideal for tracking/warehouse applications.

**DURO E 500** - is a clear emulsion adhesive for demanding labeling applications, featuring excellent initial tack, adhesion and "wet-out" performance even on apolar surfaces such as HDPE. Improved temperature, water, solvent and chemical resistance.

	AI170	AI170	AI170	AI170	AI170
Adhesion (N/25 mm) (FTM 2 on st. steel/20 min. bond time)	9	9	10	8	9
Tack (N/25 mm) (FTM 9 on glass)	10	14	17	15	17
Recommended minimum application temperature (°C)	0	+10	0	+5	0
Heat resistance up to 24 hrs (°C)	+120	+80	+80	+80	+80
up to 1 hr (°C)	+150	+110	-	-	-
Resistance to cold (°C) <sup>2)</sup> down to	- 80	- 20	- 20	- 20	- 20
Ageing stability <sup>3)</sup>	very good	very good	good	good	good
Shelf life of laminate (years) <sup>4)</sup>	2	2	2	2	2

<sup>2)</sup> Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.

<sup>3)</sup> If not exposed to direct sunlight.

<sup>4)</sup> Refers to adhesion and printability when stored in original packaging in dark, dry conditions at a temperature of 22 ± 2°C and a relative humidity of 50% ± 5%.

#### Silicone paper

#### Average values

**B 100** - is a stable, siliconized special purpose paper which displays good flatness and die cutting properties.

**B 120** - is a very stable, siliconized special purpose paper which displays good flatness and die cutting properties.

**B 140** - is a siliconized, special purpose lightweight board, which displays high dimensional stability.

This product, FSC® C011032 certified, is sold as FSC® Mix Credit.

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#### Guarantee and liability:

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