

Formula Specification



Hardcopy

T005 Wax Flat Print-head

General-purpose wax grade for use on flat head printers, which is designed for use on plain and coated paper label stock. It provides an economic method of producing high quality bar codes using low print head energies. The antistatic additives in the back coat extend the life of the print head.

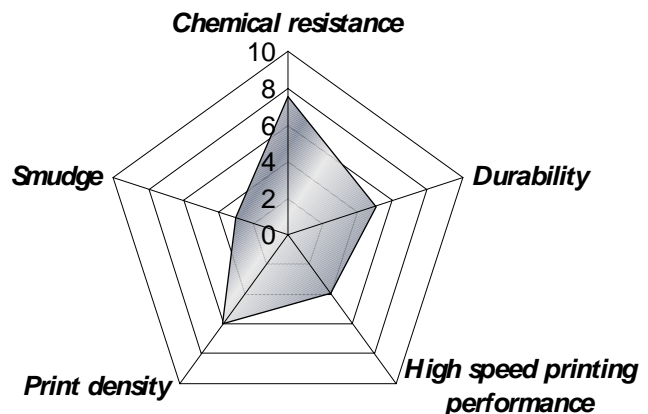
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T005	✓	✓	✓	✓	✓	✓				

Print Speed: 8" per second (200mm per sec)

Ink Melt Point: 66°C

Film Thickness 4.5µm

Energy Required To Print: Medium (50% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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Hardcopy

T008 High Speed Wax Flat Print-head

Highly versatile wax grade for use on a wide range of paper label stocks. It is especially suited to printing at 200mm/sec or over with flat head printers. Because of these high-speed characteristics, it is used successfully in the packaging industry and has been certified by ISEGA for food conformity. It is capable of producing high quality rotated bar codes, and with its low coefficient of friction back coat, the life of the print head can be extended.

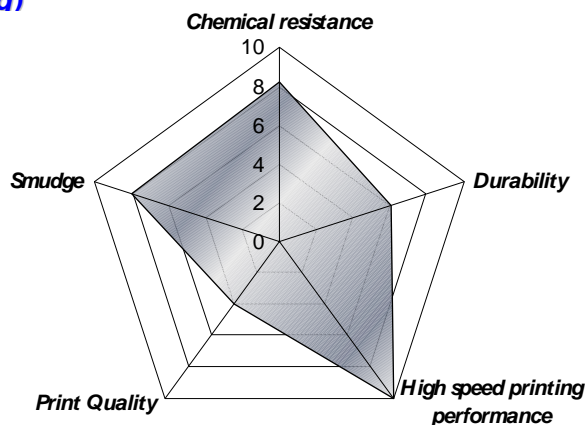
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T008	✓	✓	✓	✓	✓	✓				

Print Speed: 12" per second (300 mm per sec)

Ink Melt Point: 70°C

Film Thickness 4.5µm

Energy Required To Print: Low (10% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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T055 Premium Wax Flat Print-head

A Premium Wax grade product. Designed to have excellent latitude on a variety of label substrates, from paper through to synthetics. Added durability means that T055 can satisfy more demanding applications. A high quality and performance thermal ribbon offering optimum cost benefits. Recommended for use with Avery, Datamax, Sato, Soabar and Zebra Printers.

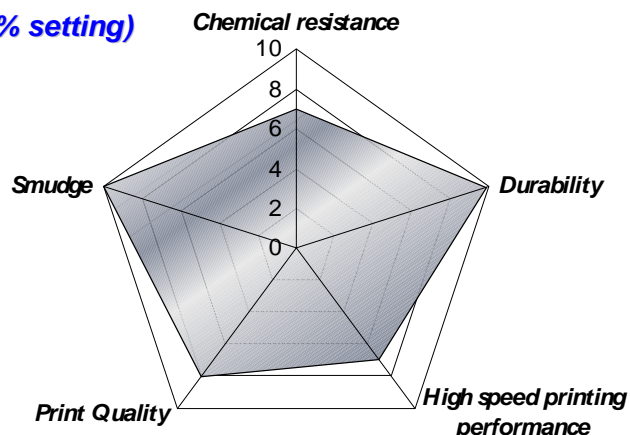
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T055	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 8" per second (200 mm per sec)

Ink Melt Point: 78°C

Film Thickness 4.5µm

Energy Required To Print: Medium (50% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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T001 Wax-Resin Flat Print-head

High quality Wax-Resin formulation, designed for use on a variety of flat (standard) print head printers. It is suitable for use on label facestocks ranging from paper to synthetics. The resultant print shows excellent scratch and smudge resistance, as well as superior chemical resistance. The back coat has a very low friction co-efficient and contains Pelikan's proprietary anti-static additive to prolong the life of the print-head.

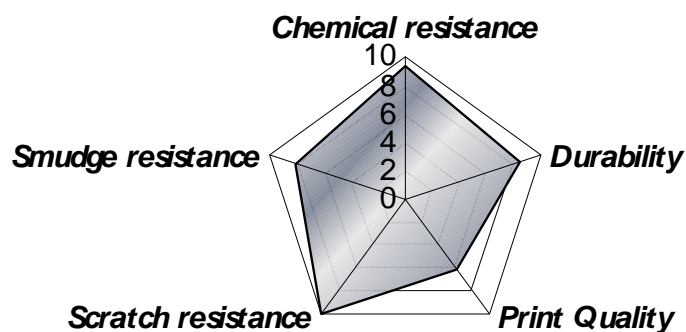
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T001	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 10" per second (250mm per sec)

Ink Melt Point: 80°C

Film Thickness 4.5µm

Energy Required To Print: Medium (40% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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T044 Wax-Resin Flat Print-head

This premium quality wax/resin grade is specially designed for use on in line packaging printers. It has been accredited for use within the food industry by ISEGA. It shows excellent print quality with all types of barcodes. The high intensity print uses patented technology and shows excellent smudge and scratch resistance. The print also shows exceptional resistance to animal oil and vegetable oil, as well as industrial alcohols such as methanol and IPA. The static dissipative ink coating makes it safe to use at higher print speeds.

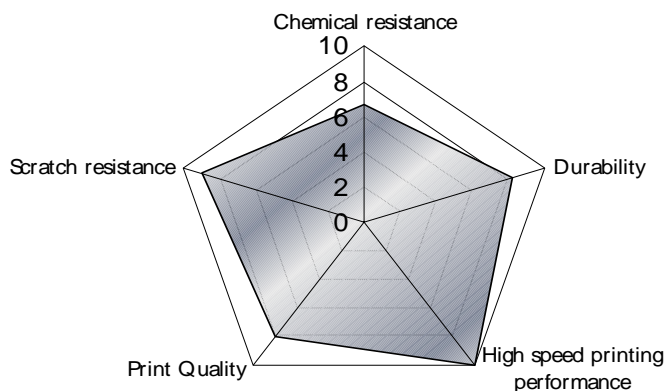
Formulation	Substrate									
	Vellum	Uncoated	Sam Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T044	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 12" per second (300 mm per sec)

Ink Melt Point: 74°C

Film Thickness 4.5µm

Energy Required To Print: Low (15% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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Hardcopy

T066 Premium Wax-Resin Flat Print-head

This premium wax/resin grade is used for a wide range of applications. From Vellum labels to PET film excellent print results with high scratch and smudge resistance will be achieved. T066 has very good resistance against vegetable and animal oil. The static dissipative ink coating makes it safe to use at higher print speeds.

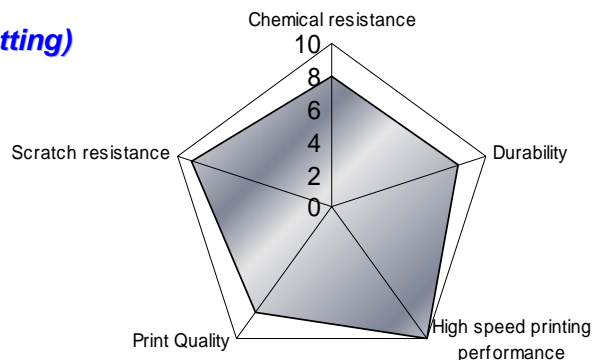
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T066	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 12" per second (300 mm per sec)

Ink Melt Point: 74°C

Film Thickness: 4.5µm

Energy Required To Print: Low (15% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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T100 Colour Wax-Resin Flat Print-head

Used whenever colour and durability are required, this range of ribbons cover a wide range of requirements. The wax/resin ribbons give the expected scratch and smudge resistance and can endure exposure to chemicals such as methanol, mineral oil and antifreeze. Available in three colours

- Red
- Green
- Blue

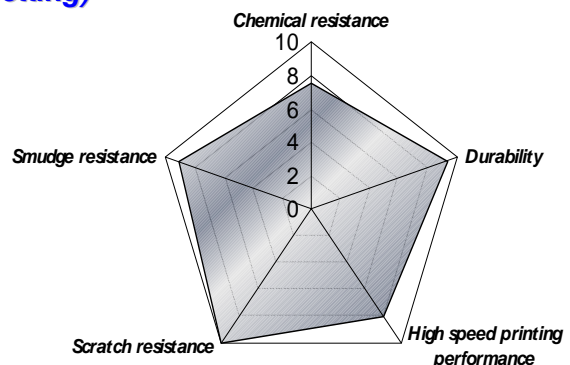
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 10" per second (250mm per sec)

Ink Melt Point: 80°C

Film Thickness 4.5µm

Energy Required To Print: Medium (40% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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T016 Resin Flat Print-head

This high quality resin grade is for use in a wide range of industries. The high-density prints from flat head printers show excellent scratch and smudge resistance. It also has excellent resistance to various chemicals such as IPA, industrial alcohols, hydraulic oil, antifreeze, etc. The patented, static dissipative ink layer, coupled with antistatic additives in the back coating, extend the useful life of the print head. T016 is a recognized component of UL certifications.

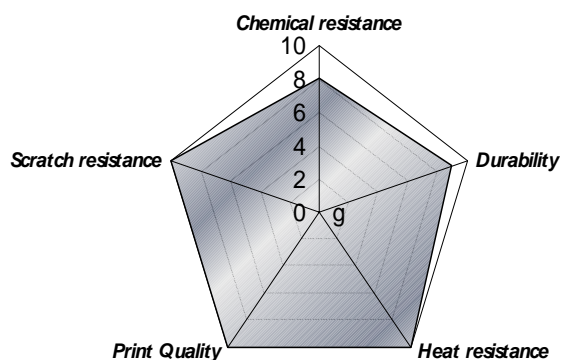
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T016							☑	☑	☑	☑

Print Speed: 12" per second (300 mm per sec)

Ink Melt Point: 87°C

Film Thickness 4.5µm

Energy Required To Print: Medium – High (74% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

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Hardcopy

T052 Wax Near/Corner Edge Print-head

This excellent wax quality covers all general purpose requirements for near edge machines. It has been accredited for use within the food industry by ISEGA. It provides clear, crisp barcodes, standard, rotated or 2-D, on a variety of paper label stocks. With its low energy requirements and antistatic additives in the back coat, this ribbon helps to extend the useful life of print heads.

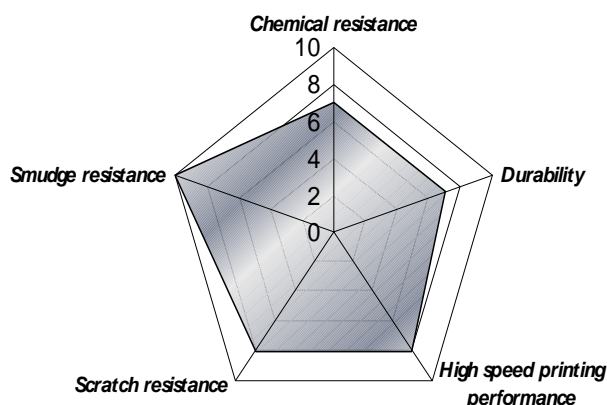
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T052	✓	✓	✓	✓	✓	✓				

Print Speed: 12" per second (300 mm per sec)

Ink Melt Point: 62°C

Film Thickness 4.5µm

Energy Required To Print: Medium (43% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

Formula Specification



Hardcopy

T037 Wax-Resin Near/Corner Edge Print-head

Super premium wax / resin designed for use on near edge machines, this wax/resin grade shows superior print quality on a wide range of label stocks. The print has a high degree of resistance to chemicals such as antifreeze and methanol, as well as the expected scratch and smudge resistance of a high quality wax/resin ribbon. The coating is specially formulated to work in transmissive mode. The ink coating dissipates static and, coupled with the ribbons low energy requirements, helps to prolong print head life.

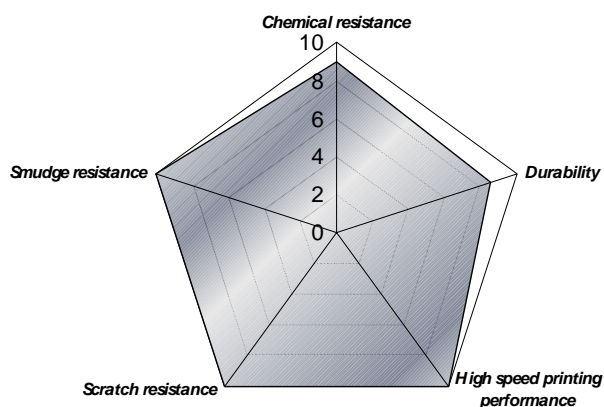
Formulation	Substrate									
	Vellum	Uncoated	Sam Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T037	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 12" per second (300 mm per sec)

Ink Melt Point: 64°C

Film Thickness 4.5µm

Energy Required To Print: Low (28% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

Formula Specification



Hardcopy

T065 Wax-Resin Near/Corner Edge Print-head

This premium wax / resin is designed for use with inline printers. The print results have a high print quality combined with excellent scratch- and smudge resistance. The coating procedure and the consistent surface coating in combination with low energy requirement helps to extend print head life.

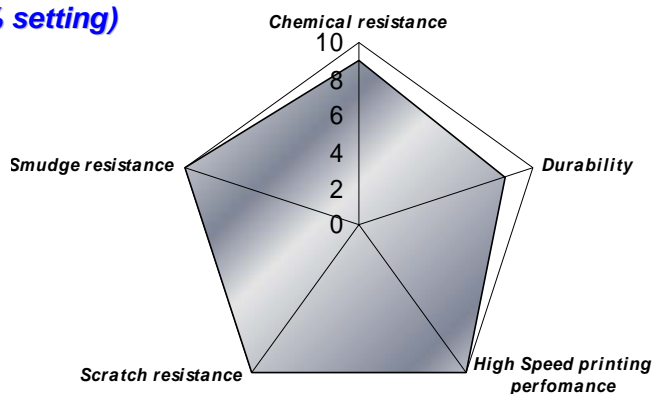
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T065			✓	✓	✓	✓	✓	✓	✓	✓

Print Speed: 14" per second(355 mm pre sec)

Ink Mek Point: 70°C

Film Thickness: 4.5µm

Energy Required to Print: Low (28% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

Formula Specification



Hardcopy

T064 Resin Near/Corner Edge Print-head

This near edge resin produces excellent quality print with correspondingly good smudge and scratch resistance. The print also has exceptional resistance to chemicals such as industrial alcohols, oils and kerosene. It works on Tec printers with the transmissive sensor

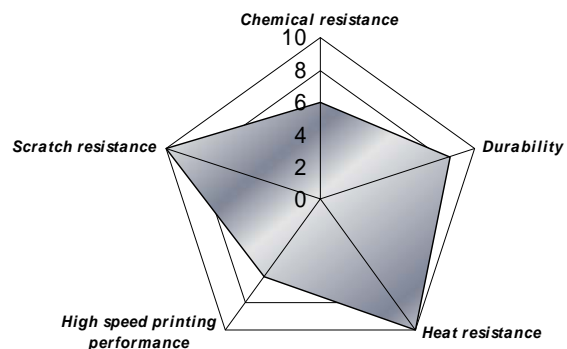
Formulation	Substrate									
	Vellum	Uncoated	Semi Gloss	Matt Coated	Gloss Coated	Tag Board	PE	PET	PP	PVC
T064							☑	☑	☑	☑

Print Speed: 8" per second (200 mm per sec)

Ink Melt Point: 108°C

Film Thickness 4.5µm

Energy Required To Print: Medium to High (70% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

Formula Specification



Hardcopy

T050 Premium Resin Flat Print-head

This premium resin quality is designed for use on synthetic materials or on nylon/polyester labels. The print results are clearly and have exact outlines. The foil has a very good heat resistance and shows an excellent durability to chemicals such as methylated spirits and petrol.

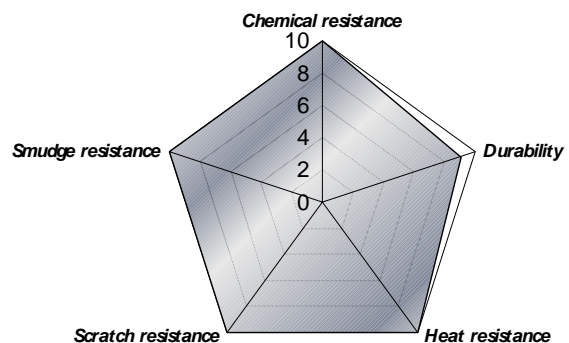
Formulation	Substrate						
	Nylon (woven)	Polyester (woven)	Acetate (woven)	PE (film)	PET (film)	PP (film)	PVC (film)
T050	✓	✓	✓	✓	✓	✓	✓

Print Speed: 6" per second (150 mm per sec)

Ink Melt Point: 84°C

Film Thickness 4.5µm

Energy Required To Print: High (100% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

Formula Specification



Hardcopy

T038 Resin – Card Printing Flat Print-head

This high quality pure resin grade is designed specifically for use on ID card printers. It used patented technology to produce an exceptionally durable image on to PVC.

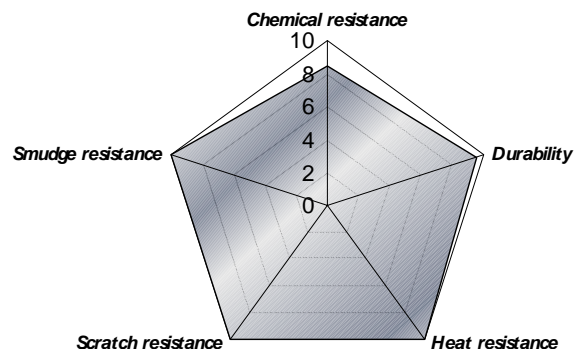
		Substrate
Formulation		PVC (Card)
T038	<input checked="" type="checkbox"/>	

Print Speed: 4" per second (150 mm per sec)

Ink Melt Point: 82°C

Film Thickness 5.7µm

Energy Required To Print: High (100% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions

Formula Specification



Hardcopy

T061 Textile Resin Flat Print-head

T061 is a special resin quality designed for printing on to textile care labels. It produces high quality prints on Polyamide, Polyester, Polyester Satin, etc. The resultant prints show a high resistance to washing and ironing. This grade produces high quality, durable images at speeds of up to 4 inches per second.

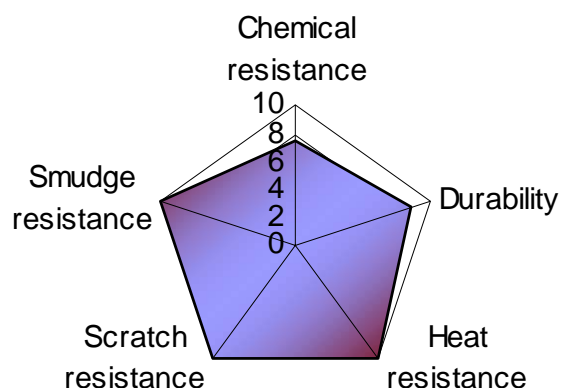
Formulation	Substrate						
	Nylon (woven)	Polyester (woven)	Acetate (woven)	Polyester (satin)	PET (film)	PP (film)	PVC (film)
T061	✓	✓	✓	✓	✓	✓	✓

Print Speed: 4" per second (100 mm per sec)

Ink Melt Point: 120°C

Film Thickness: 4.5µm

Energy Required To Print: High (100% setting)



Storage Conditions

Product shelf life has been proven through age testing up to 18 months under the following conditions

Out of direct sunlight, store between temperatures of 5°C to 35°C in dry conditions