

PRG 20518

STANDARD - WAX
FOR FLAT HEAD



TYPE

RITE 08

LIMITED

● PARTICULARLY ADAPTED TO ALL KINDS OF PAPER SUBSTRATES

● VERY GOOD SENSITIVITY ● EXCELLENT BLACKNESS

PRG 20518 is a general purpose ribbon particularly adapted to standard label printing.

The ink provides excellent printing quality of standard barcodes, very small text, large characters and logos, at a blackness up to 2.1 (ODR).

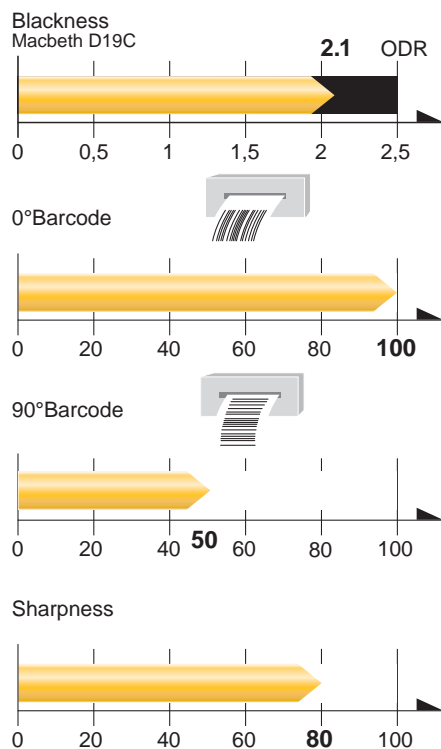
The ribbon structure allows printing on all kinds of papers and uncoated papers in particular. This feature makes the ribbon highly recommended to the standard labelling market. Printing is also possible onto various synthetics.

The printed image offers heat resistance up to 60°C.

Those characteristics remain at speeds up to 300 mm/s (12 ips) and with 200, 300 and 600 DPI printheads.

PRG 20518 grade features outstanding backcoat technology, ensuring excellent printhead protection, preventing clogging and static build-up.

PRINTING QUALITY

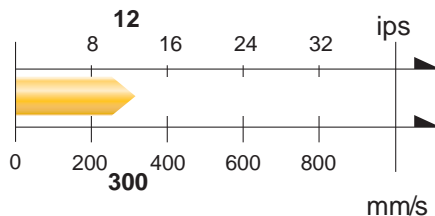


SENSITIVITY

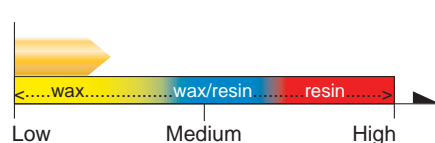
Receptor Compatibility

Vellum (e.g. 3101...)	■ ■
Coated papers (e.g. 5006...)	■ ■
High gloss papers (e.g. 5004...)	■
Synthetics (e.g. 5096, 5112...)	—

Printing Speed

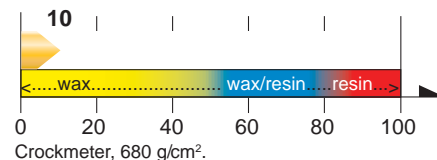


Energy

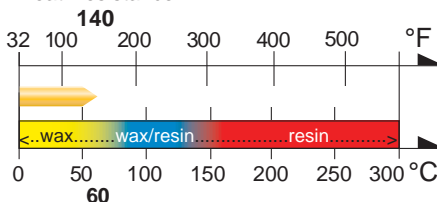


RESISTANCES

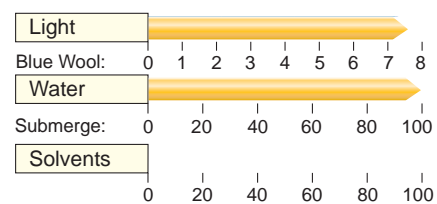
Mechanical Resistances



Heat Resistance



Other Resistances



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EXAMPLES OF APPLICATION FIELDS

The characteristics of PRG 20518 answer the requirements of the following application fields:
(If your application is not among the ones below, please contact us.)



Inventory



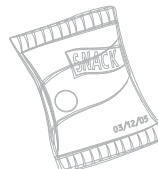
Shipping



Pharmaceutical



Cosmetics



Flexible Packaging



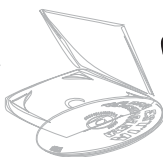
Flexible Packaging for frozen applications



Flexible Packaging for hot processes



Rating plates



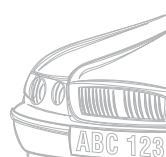
CDs



Retail labeling



Care labels



Signage & Logos



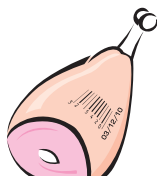
Laboratory



Healthcare



Tags



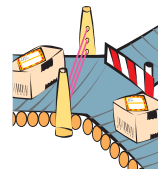
Food contact



Livestock



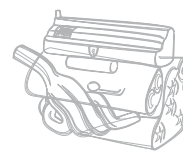
Outdoor applications



Conveyor sorting



Chemical drums



Automotive

CERTIFICATIONS & APPROVALS

Food contact: This ribbon is compliant with the European Directive 1935/2004/EC.

UL Approved: Legibility and durability of the printed label.

Heavy metals: The ribbon is compliant with EC 95/638. SGS reports available upon request.

RoHs/WEEE: EC directives 2002/95 and 2002/96, compliance to the limitation of dangerous substances in electric and electronic equipments.

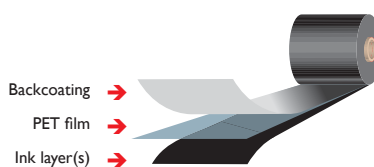
REACH: As a European manufacturer, ARMOR is completely fulfilling REACH requirements. Our ribbons are free from the Substances of Very High Concern (SVHC).

CP65: The ribbon is free from the substances listed.

Halogen: this ribbon is halogen free.

Contact us for all other regulations linked to product compliance with toxicity, treatment of wastes, banned components, packaging, etc.

RIBBON SPECIFICATIONS



Backcoating:
Silicon based.
Friction coefficient: $K_d < 0.2$.

PET film:
Thickness: 4.5 μm .
Tearing resistance: $> 300 \text{ N/mm}^2(\text{MD})$.

Ink:
Wax.
Melting point: 65°C
(Manufacturer procedure).

Ribbon:
Thickness (black): $< 9 \mu\text{m}$.
The ribbon is anti static build-up treated.
Storage: 12 months, 5-35°C (40-95°F),
20-80 % Humidity Rate.

COLOUR RANGE

Data exposed in this sheet are for the black ribbon. Printing performance of the colour ribbons are close to black ones.

- Black
- Dark Blue (286 C)
- Gold (874 C)
- Light Red (1787 C)
- Light Green (Green C)

Film produced in a factory certified on:

- ISO 9001** - Quality management with a principal objective of customer satisfaction.
- ISO 14001** - Environmental protection.
- OHSAS 18001** - Safety and Health of the workforce.

