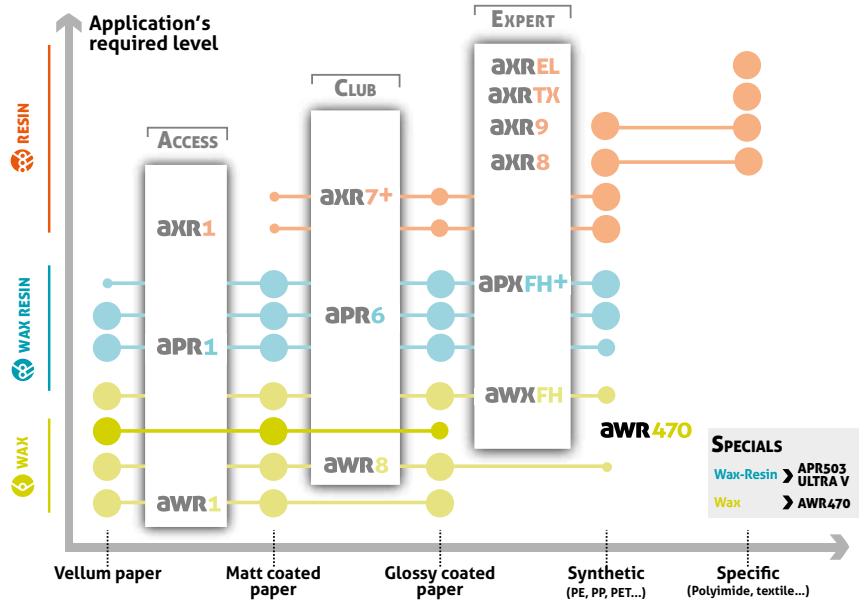




> aWR 470

Particularly adapted to all kinds of paper substrates
 Very good sensitivity
 Excellent blackness

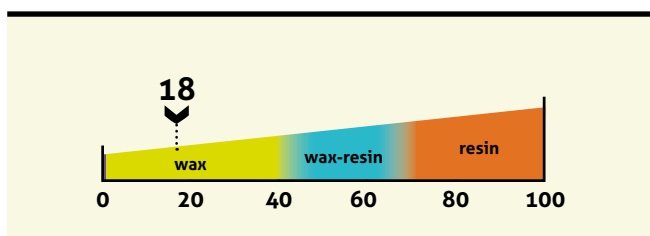
AWR® 470 SolFree® is the only ribbon in the world to be coated without using solvents, including for the backcoating. SolFree® represents a saving of 365g of CO₂ compared to the same ribbon (with average dimensions) produced with a traditional process for the backcoating. AWR® 470 SolFree® is well known for its high coverage ability which is essential for printing the rough materials widely used in logistics.



Printing receptor

| papers | |
|---------------|-------|
| Vellum | ● ● ● |
| Coated | ● ● ● |
| Glossy coated | ● ● ○ |

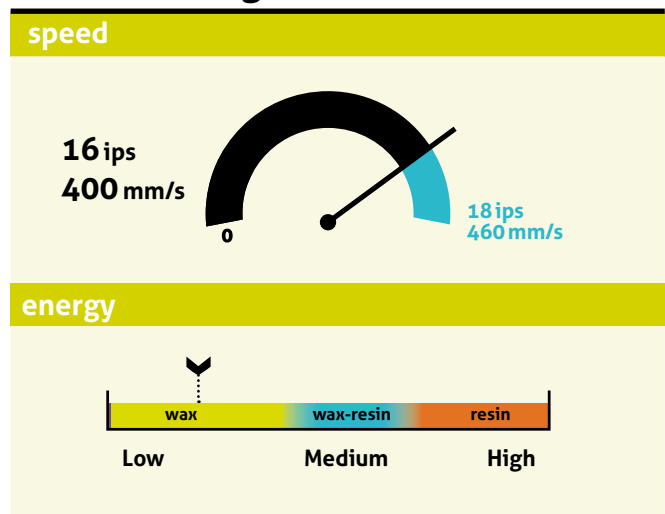
Print resistance



Compliant with the following regulations

| |
|---------------------------|
| REACH / SVHC 1907/2006/EC |
| Food Contact 1935/2004/EC |
| Heavy metals 2011/65/EU |
| California Proposition 65 |
| Halogen restrictions |

Printer settings



Environmental performance

Ecodesign

SolFree® 100% solvent free ribbon
 Saves 365g of CO₂ vs standard ribbons

Manufacturing process

PET Waste 100% recovered
Solvent 91% recovered into factory energy
Electricity 58% from renewable sources

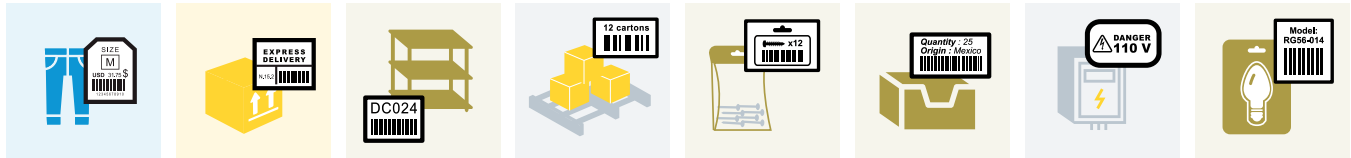


More environmental details here



> aWR 470

Application fields

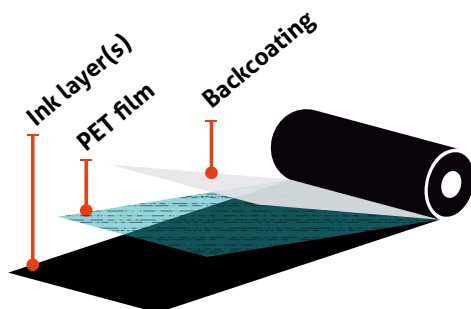


Product performance

| print quality | | |
|--|--|--|
| 90°Barcode <div style="display: inline-block; text-align: center;"> 50 0 100 </div> | Small characters <div style="display: inline-block; text-align: center;"> 80 0 100 </div> | Logos <div style="display: inline-block; text-align: center;"> 95 0 100 </div> |
| 0°Barcode <div style="display: inline-block; text-align: center;"> 100 0 100 </div> | 2D Barcode <div style="display: inline-block; text-align: center;"> 88 0 100 </div> | Blackness <small>*Optical Density by Reflection, measured using a densitometer.</small> <div style="display: inline-block; text-align: center;"> 2,2 ODR* 0 2,5 </div> |
| technical resistances | | |
| Heat <div style="display: inline-block; text-align: center;"> 60°C 140°F 0 300°C 572°F </div> | Light/Blue Wool <div style="display: inline-block; text-align: center;"> >7 0 100 </div> | Solvents <div style="display: inline-block; text-align: center;"> 100 0 100 </div> |
| Water/Submerge <div style="display: inline-block; text-align: center;"> 100 0 100 </div> | Rubbing <div style="display: inline-block; text-align: center;"> 10 0 100 </div> | |

Product physico-chemical features

| product structure | |
|--|-------------------|
| PET film | Thickness: 4,5 µm |
| Ink | Wax |
| Melting point | 65°C/149°F |
| Backcoating | Patented Solfree® |
| Coefficient of Friction | Kd < 0.2 |
| Ribbon thickness | < 9 µm |
| The ribbon is anti static build-up treated | |



Storage

storage conditions

12 months recommended
 20-80 % Humidity Rate, 5-35°C (40-95°F)

Waste management

inkanto rolls and their packaging allow an optimised waste management. For more information please contact ARMOR.