

## P4-19300 series

Ready to use set of labels & ribbons.  
The amount of ribbon is optimized for the number of labels.

### Properties

A matt clay coated, white, cavitated polyethylene film. It is used for security applications, where low initial strength is needed (the labels will break by delamination when lifted). Suitable for thermal transfer overprinted information labels. Strong acrylic, water borne adhesive is specially designed for labeling of rough substrates.

### Attention

We recommend that combinations are tested in their end use applications to make sure that the labels function well and cannot be peeled off without destroying them. Labels should stay on the labelled substrate minimum of 1 day before removing.

**Table 1. Face stock technical data**

Not for specification purposes

Face Stock Technical Data	
Material	Polyethylene PE
Colour	White
Appearance	Matt
Caliper	109 µm
Adhesive	Strong Acrylic

**Table 2. Adhesive technical data**

Not for specification purposes

Adhesive Technical Data			
Initial Tack	440	N/m	FTM 9
Minimal Application Temperature	0°C		
Service Temperature	-20°C to +70°C		

**Table 3. Ribbon technical data**

Not for specification purposes

Ribbon technical data	
Type	Resin
Colour	Black
Film thickness	4,5 µm
Total ribbon thickness	6,2 µm
Recommended maximum print speed	150 mm/s

### Shelf Life

24 months from date of manufacture of product when properly stored at 22°C and 50% relative humidity.

### Special Considerations

For maximum bond strength, the surface should be clean and dry. Typical cleaning solvents are heptane and isopropyl alcohol.

### Note

Information presented have been determined by standard test methods and are values not to be used for specification purposes. Our recommendations on the use of our products are based on tests but we would ask for conducting your own tests to determine their suitability for your applications. Citizen cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

### Application ideas

SECURE PACK permanent markings, which can not be entirely peeled off and applied to another spot

### Examples

P4-19301  
P4-19302  
P4-19303  
P4-19304  
P4-19305