

# TECHNICAL DATASHEET



## DEBABREATHE

Update on 05.03.2020



### 1. Description of product

|                     |   |  |
|---------------------|---|--|
| <b>Product</b>      | : | <b>DEBABREATHE™ breathable security bags</b>   |
| <b>Size</b>         | : | XXS (85 x 120 mm) to XL (635 x 800 mm)<br>(Tolerance ± 5 mm)   |
| <b>Use</b>          | : | for conservation of evidence/ Forensics<br>(DNS free through gassing)  |
| <b>Addition</b>     | : | DEBABREATHE pouchers have a special layer with a high<br>Water vapour permeability.<br>Material tested after ASTM 1671 – Viral Penetration and<br>ASTM F 1670 Blood Borne Pathogen |
| <b>Manufacturer</b> | : | <b>Anton Debatin GmbH</b>  |

### 2. Material

|                |   |   |
|----------------|---|---|
| 1. Film        | : | Polyethylene (LDPE)/ Polypropylene (PP), transparent  |
| 2. Film        | : | Medifol – water vapour permeability >500 g/m <sup>2</sup> 24 h<br>(DIN 53122-1)   |
| Film thickness | : | 50 µm (± 10 %)  |
| Adhesive       | : | hotmelt with high adhesive power, solvent-free  |
| Colours        | : | solvent based pigment colours<br>During the production process the solvent vapours are<br>extracted and recycled thermally. |

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### 3. Closure system

|                   |   |  |
|-------------------|---|--|
| Security Closure  | : | DEBATAPE, DEBATAPE <i>plus</i> , DEBATAPE <i>high plus</i> |
| Security features | : | manipulation indication at any attempt to open             |
| Masking Tape      | : | Release paper (one-side siliconised)                       |

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### 4. Specials

|                  |   |  |
|------------------|---|--|
| Adhesion Closure | : | Duplocoll  |
| Air holes        | : | One film side has an area with several holes of 3 mm.<br>Over the holes is the special Medifol Film. |

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### 5. Print

|            |   |  |
|------------|---|--|
| Flex print | : | on customers preference, up to 8 colours |
|------------|---|--|

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### 6. Coding

|           |   |                     |
|-----------|---|---------------------|
| Numbering | : | 6 – 16 digits       |
| Barcode   | : | 39, 2/5, 128 or EAN |

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### 7. Sealing

|                 |   |                    |
|-----------------|---|--------------------|
| Type of sealing | : | double shrink seal |
|-----------------|---|--------------------|

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### 8. Packaging

|          |   |   |
|----------|---|---|
| Standard | : | subpackaging of 25 pcs. In PE-bag<br>250 pcs./ carton |
| Special  | : | ETO-indicator of each carton and subpackaging         |

### 9. Processing

DEBABREATHE security bags should be fixed at temperature  $> +10^{\circ}\text{C}$ . After removing the protection paper, seal the opening well by pressing firmly over the entire closure surface.

### 10. Stocking

When kept in a dark and dry place at room temperature (between  $+10^{\circ}\text{C}$  and  $+30^{\circ}\text{C}$ ), the pouches can be stored for at least 2 years.

### 11. Disposal

The product is recyclable, disposable in landfills (domestic waste), can be burnt in modern municipal waste incinerators.

### 12. Carbon neutral / natureOffice.com



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