



## PROSEAL – Heat Sealable Paper



### PROSEAL's story

Sustainability and environmentally friendly packaging solutions are increasingly influencing our everyday lives. Brand owners, consumers and legislation are demanding a reduction of plastic usage.

DREWSEN is focusing on this topic. Our approach is to develop sustainable, environmentally friendly papers that are fit to replace plastic products. The aim is not a stigmatization of plastics in general, but a replacement of plastics by paper wherever it is reasonable and possible.

PROSEAL provides excellent environmental characteristics. The recyclability of the quality was proven by PTS according to Capi version 2.

PROSEAL is treated with a heat sealable dispersion coating on one side that seals well with high speed heat sealing devices. The grade can easily be implemented on existing packaging production lines (form-fill and seal, vertical and horizontal flowpack) and possesses the relevant properties such as printability, flexibility, puncture resistance and a consistent high quality level that are required for the process and application.

We believe that PROSEAL is the right choice for brand owners that rightly insist on quality and environmentally friendly packaging to promote their brand promises effectively for

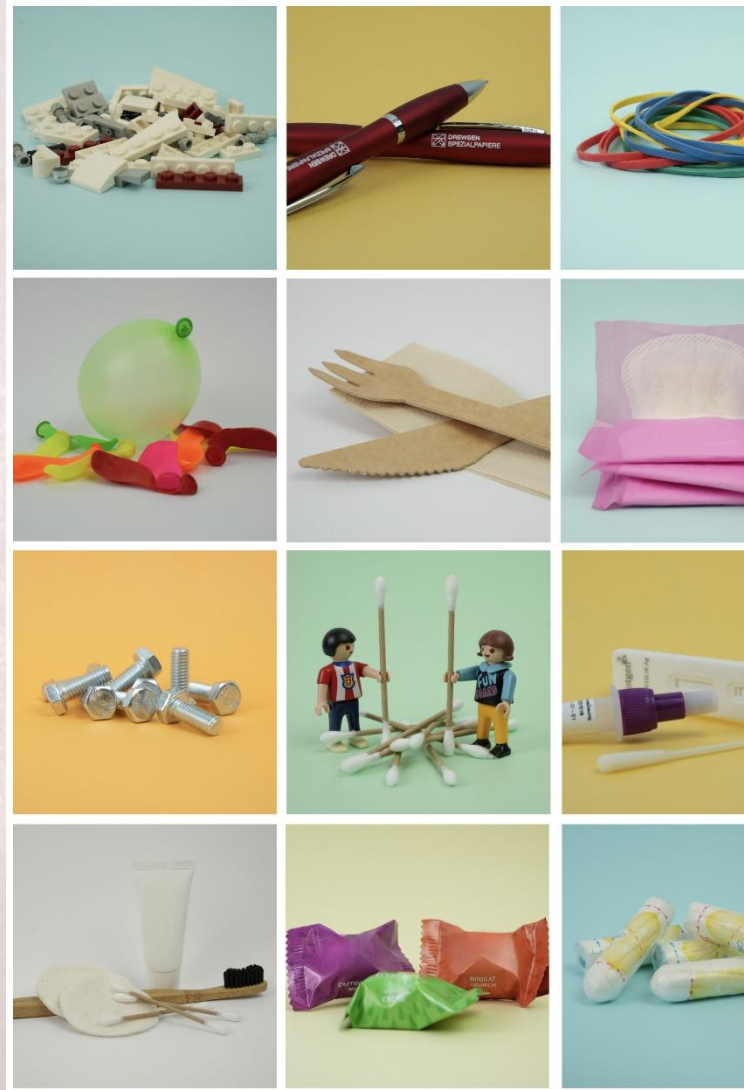
- Primary and secondary packaging
- Secondary packaging for foodstuff where primary packaging fulfills requirements towards barrier properties
- Primary packaging for dry foodstuff that requires no barrier properties

### ADVANTAGES

- recyclable according to Capi version 2
- available in low substances from 42 g/m<sup>2</sup>
- paper based alternative to plastic or laminates
- ideally suited for high-speed filling processes

### TARGETED APPLICATIONS

- **Primary and secondary packaging for non-food applications**  
e.g. toy bricks, filters, screws, medical products, household goods, hygiene articles, disposable cutlery, newspapers, etc.
- **Secondary packaging for foodstuff**  
where primary packaging fulfills requirements towards barrier properties
- **Primary packaging for dry foodstuff**  
that requires no barrier properties





## PROPERTIES

- waterbased dispersion coating for heat sealing
- sealable coated side against coated side
- typically reaches an optimum between 140-180 °C
- excellent running and processing properties
- consistently high product quality
- high strength properties
- good printability on outer side
- recyclable
- manufactured from virgin fibres
- natural white – free of optical brighteners
- tasteless and odourless
- pH-neutral / non-aging
- paper based solution  
available with FSC and PEFC on request
- wet strength on request

## CERTIFICATES

- certified as suitable for direct food contact according to BfR XXXVI and FDA
- recyclable according to Capi version 2
- ISO 9001, 14001
- FSC® / PEFC available on request
- other certificates on request

## TECHNICAL SPECIFICATIONS

- standard winding: coated side inside
- bespoke substances/strength values/stiffness etc. for larger potentials
- substances: 42, 45, 50, 60, 70 and 90 g/m<sup>2</sup>  
or bespoke
- reel widths: up to 225 cm
- reel diameter: up to 145 cm
- cores: 70, 76, 100, 120, 150 mm
- sheets: on request

