

Technical Information

Art-No.: 15310-026

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FOLCO® RELIEFMASSE DFP 526/16

General information

Type of product:	Compact water based printing paste on basic of plastic dispersions.
Field of Application:	FOLCO® RELIEFMASSE DFP 526/16 is suitable for the production of paper and non woven wallpapers as well as decorative papers with structured surfaces in the gravure and screen printing method.
Properties:	<ul style="list-style-type: none">• produce medium hard structures• very good mechanical resistance <p>Generally, printing results such as print-out, colouring, adhesion, abrasion resistance and water proofness are very good, however, they can be influenced by the printing material.</p>

Characteristics

Viscosity:	ca. 65 dPa`s (Thermo Haake VT 2 plus, MK1 at 20 °C)
pH-value:	6 - 7
Solid content	ca. 65 %

Further Characteristics

Washability (EN 12956):	With the product a high washability (symbol 3 waves) is obtainable on paper and nonwoven.
Light fastness:	WS 6 - 7
Others:	Basic material and processing conditions can affect the properties. Therefore, we recommend that basically self-audits of the properties be achieved on the finished products.

Introductions for use

Printing Viscosity:	The product can be adjusted with water to get the required print viscosity. The water should be measured out carefully, the viscosity sinks very fast.
Coloring:	The product can be colored with our heat resistant basic inks of the series FOLCO® AQUASCREEN FS 10.
Printing method:	The product can be applied in gravure printing method and also in screen printing method. The choice of the cylinder or stencils depends on the desired structure height. Suitable printing forms should be found out by pilot experiments. It has to be taken into account that at the processing in the screen print, the product has a relatively high drying speed conditionally by the high total solid content.

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Drying:	The drying of the product should be preferably carried out with the help of an air recycling dry channel at temperatures of 100°C - 140°C. To avoid cookers and rips you may not dry too fast. The attitude of the dryer is dependent on print speed, order quantity and length of the channel and must be found out individually.
Speed:	The possible printing speed depends on the printing material, type of machines, temperature and the air condition in the channel.
Cleaning:	Use water for cleaning, if necessary adding a commercially available screen cleaning agent. The screens should not get too dry.

Additional advices

Safety instructions:	At dealing with the product the details in the safety data sheet have to be taken into account.
Storage:	Should be stored at temperatures between +5°C and +25°C. When kept in unopened original containers the product can be stored for 6 months. The storability is impaired by pollutions and thinning. The usability of the product from opened containers and product remains has to be checked before use. Inks have to be stirred well before use.

Last change: 05.01.2015

This data sheet replaces all former technical information.

The characteristic values required for the product to be released are checked by our quality control department at the time of production; these values may change in line with storage conditions and periods and may be higher or lower than the specified limit values.

The advice we provide on the application of our products is based on extensive development work and many years of experience and is given to the best of our knowledge. However, the wide variety of requirements on site under the most diverse conditions mean that it is necessary for the processor to test the product for its suitability in any given case. We reserve the right to make changes in keeping with technical developments or improvements to our products. The agreed product characteristics are exclusively as set out in this technical information sheet. Any further agreements on product characteristics must be made in writing to be valid. This applies in particular with regard to the product's suitability for a specific purpose.