

Technical Information

Art-No.: 15310-022

FOLCO® RELIEFMASSE DFP 526/35

General information

Type of product:	Compact water based printing paste on basic of dispersions of plastics.
Field of Application:	FOLCO® RELIEFMASSE DFP 526/35 is suitable for the production of paper and non woven wallpapers as well as decorative papers with structured surfaces in the gravure and screen print.
Properties:	<ul style="list-style-type: none">• produce relatively hard and firm structures• very good mechanical resistance

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.

Characteristics

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

Further Characteristics

Washability (EN 12956):	With the product a high washability (symbol 3 waves) is obtainable on paper and nonwoven.
Light fastness:	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 goes by 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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FOLLMANN & CO
IDEEN IN BEWEGUNG ▶▶▶▶

Karlstraße 59 • D-32423 Minden
Fon +49 (0) 571/93 39-0 • Fax +49 (0) 571/93 39-300
info@follmann.de • www.follmann.de

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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:** With water, eventually could be used a stencil cleaner. The product should not get too dry therefore it should be cleaned or covered immediately when printing process is stopped.

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.
- Storage conditions are defined in appropriate technical data sheet.
- The storage life could be impaired as a result of contamination and thinning. Consequently the usability of the product taken from opened containers must be checked before use.
- The product have to be stirred well before use.

Last change: 25.02.2013

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.