

# Preliminary Technical Information

Art-No.: 15310-029

**FOLLMANN & CO**  
IDEEN IN BEWEGUNG ▶▶▶▶

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## FOLCO<sup>®</sup> RELIEFMASSE DFP 526/18-1

### General information

Type of product:	Compact water based printing paste on basic of dispersions of plastics with a polymer structure filler.
Field of Application:	FOLCO <sup>®</sup> RELIEFMASSE DFP 526/18-1 is suitable for the production of paper and non woven wallpapers in the gravure and screen print.
Properties:	<ul style="list-style-type: none"><li>• creates structured surfaces</li><li>• very good mechanical resistance</li></ul> <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	≈ 44 %

### 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.
Coloring:	The product can be colored with our heat resistant basic inks of the series FOLCO <sup>®</sup> AQUASCREEN FS 10.
Printing method:	The product can be applied in screen printing method. The choice of screens depends on the particle size of the structure filler (up to 250 µm). Suitable printing forms should be found out by pilot experiments. Please note that 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, printing 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 information 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 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: 25.09.2009

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.