

# Viscospatula

---

PAD PRINTING ACCESSORIES

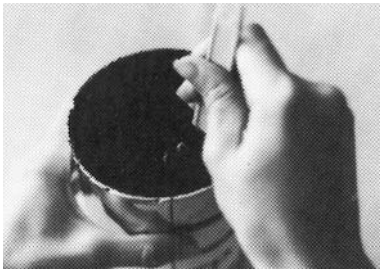
---

## Product Information and Use:

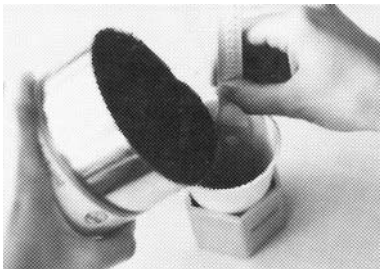
The Viscospatula is a simple tool to adjust the viscosity (viscousness or flowability) of pad printing ink. The thinning process with the help of the Viscospatula will be explained subsequently:



① open the ink can with the bevelled end of the Viscospatula.



② stir the ink with the Viscospatula until it is mixed homogeneously.



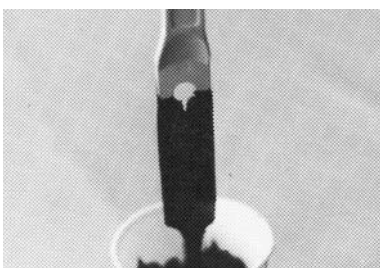
③ pour the necessary quantity of ink in the Teca-Print mixing cup.



④ while continuously stirring with the Viscospatula dropwise add the thinner.

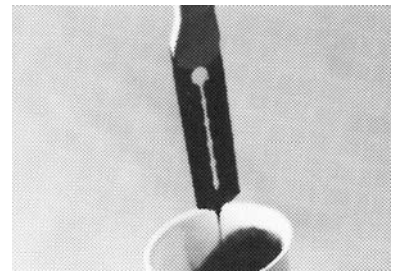


⑤ hold the cup so that the big round opening of the Viscospatula is halfway submerged in the ink.

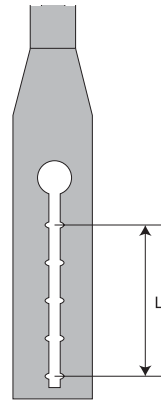


⑥ pull the Viscospatula out of the cup and hold it vertically.

⑦ now the ink runs downwards along the Viscospatula.



Watch how the marks of the Viscospatula open up from top to bottom. This process is used to adjust the viscosity of the ink by determining the time which the ink needs to flow down the Viscospatula. The measurement (diagram L value) starts at the first and ends at the last (fifth) segment mark. Determine how many seconds this takes with the aid of a watch or by counting seconds (21 – 22 – 23, etc.). Based on our experiences we recommend a drain-off time between 6 to 10 seconds to reach the proper ink viscosity. Depending on the type of ink, the time may vary.



Also applicable:

shorter flow time  
(= ink too thin)  
longer flow time  
(= ink too thick)

- mix ink again
- add thinner dropwise while continuously stirring

If you notice during printing, that the ink is handling particularly well, make sure to measure the viscosity (flow time) before you finish working. So that this level of ink viscosity can be repeated.



*Pictured: Package of 10 pieces Viscospatula no. 90 01 04*



**Teca-Print**

Teca-Print AG  
Postfach  
Bohlstrasse 17  
CH-8240 Thayngen

Tel. +41 (0)52 645 2000  
Fax +41 (0)52 645 2102  
info@teca-print.com  
teca-print.com