

**Topic: Application of heat-conducting paste for the H6**

This information describes the application of heat-conducting paste for H6 devices.

**Problem, reason**

Correct dosage when applying the heat-conducting paste Nordson EFD TC70-340WC.

**Affected devices**

H6 Flatrear units in connection with the following H6 central heat sinks:

04H6TFA-0400	04H6TFB-0400	04H6TFW-0400
06H6TFA-0600	06H6TFB-0600	06H6TFW-0600
08H6TFA-0800	08H6TFB-0800	08H6TFW-0800
10H6TFA-1000	10H6TFB-1000	10H6TFW-1000
		12H6TFW-1200

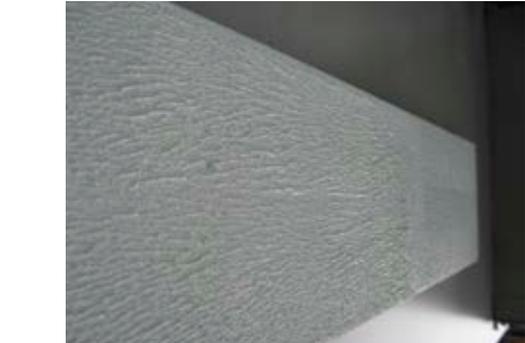
**Work instruction**

All tools have to be kept clean and protected against contamination.  
The heat-conducting paste can be pre-heated to max. 45°C to facilitate processing. Thereby the viscosity of the paste decreases and can be spreaded easier with a spatula and foam roller.



continued on the next page

## Technical Information

<p>1. 8 cm<sup>3</sup> (20 g) of the heat-conducting paste should be measured per 100 mm unit width. Low quantity of paste, which remains at the spatula or the roller after processing are already considered.</p>	
<p>2. Spread the heat-conducting paste on the entire surface of the flatrear surface with a suitable spatula or foam roller.</p>	
<p>3. The heat-conducting paste have to be spreaded thicker in the middle of the flatrear surface, because here is the lowest pressure to the heat sink by this type of installation. This can be achieved by spreading the paste from the upper and lower end of the flatrear surface with low pressure to the middle.</p>	
<p>4. The paste should be spreaded from both outsides over the middle.</p>	
<p>5. Care must be taken that the heat-conducting paste is evenly spreaded on the entire surface.  The spreaded heat-conducting paste should be checked for foreign bodies bevor installing the unit. If necessary, these must be removed.</p>	



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