

Topic: Application of heat-conducting paste for Flatrear devices

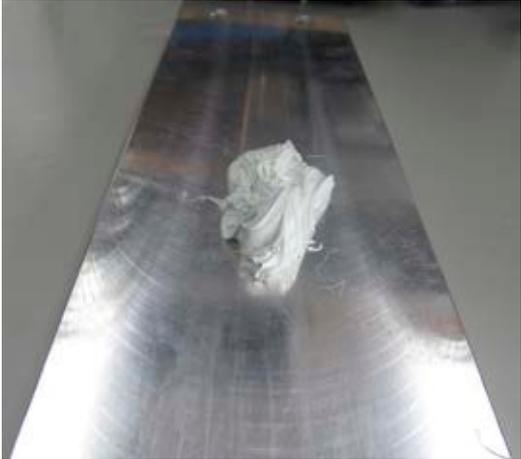
This information describes the application of heat-conducting paste for Flatrear devices.

Problem, reason

Switching off the device due to bad heat dissipation.

Wrong dosage when applying the heat-conducting paste.

Work instruction

<p>All tools have to be kept clean and protected against contamination. To simplify the processing the heat-conducting paste can be pre-heated to max. 45°C. Thereby the viscosity of the paste decreases and can be spreaded easier with a spatula and foam roller.</p>	
<p>1. Recommended heat-conducting paste</p> <p style="text-align: center;">Nordson EFD TC70-340WC</p> <p>Required quantity:</p> <p style="text-align: center;">1g per 20 cm² cooling plate</p> <p>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>	

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Technical Information

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.



4. The paste should be spreaded from both outsides over the middle.



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.



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