

# 3M PRODUCT DATA SHEET

Date of Issue: 15/06/06

## Product Title

3M 255P Hookit™ Production Frecut™ Paper

## Product Description/Markets

High performance product designed for portable machine sanders in disc, sheet and hand block form. The film backing does not allow the mineral to deflect from the work surface, which coupled with the Resinbond construction gives a sharp initial and sustained cut.

## Construction/Physical Properties

Backing	:	Paper with Hookit™ backing
Mineral	:	Aluminium Oxide
Coating	:	Closed Coat
Bonding	:	Resinbond
Grit range	:	P80-P500

## Applications

Lacquers, paints, plastic and polyester fillers/primers.

## Sizes Available/Conversions

### Discs

150 mm Ø 600A

230 mm Ø 800C

150 mm Ø 801A

### Sheets

Various sheet sizes and configurations are available to fit all popular blocks and machine plates.

## Product Highlights

Features	Advantages	Benefits
Resinbond system	Better cut rate Longer life	Increased productivity
Freecut™ coating	Resists loading	Longer life (especially with fine grades)

## Storage & Shelf Life

It is recommended that all Coated Abrasive products should be stored at constant levels of temperature and humidity within the ranges of 18-22°C, 50-65% RH. They should be kept away from damp (or cold) walls, windows or floors to avoid possible moisture absorption. Equally storage adjacent to heat sources, eg steam pipes, radiators, hot air ducts, ovens, etc, should be avoided.

Product is best stored in original packaging until ready for use. Shelf life indefinite under these conditions.

## Safety

Whenever possible, sanding should be carried out in a well ventilated area and it is strongly recommended that suitable goggles, dust mask and gloves are worn.

Discs should be used only on machines with a suitable support pad designed for the purpose and maintained in good condition at all times.

The abrasive discs should extend symmetrically to no more than 2 mm beyond the outer rim of the support pad.

Damaged or misshapen abrasive discs or support pads should not be used.

Discs and pads should not be modified in any way. They should be used only in their original size and shape, as supplied.

It is recommended that discs be used only on support pads that are clearly marked with maximum permitted running speed. The speed stated should not be exceeded.

Machines should be operated with the disc making the shallowest angle possible with the workpiece.

Care should be taken to ensure that discs without a centre hole are mounted centrally on the support pad.

With self-adhesive discs care should be taken to ensure that neither the adhesive nor the support pad faces are contaminated by dust or other extraneous matter prior to mounting. Should it be stated, the manufacturer's shelf life should not be exceeded.

When used in conjunction with self-adhesive discs, pneumatic machines should be started firmly held and with the disc in light contact with the work area.

When not in use disc sanding machines should be placed in a stand designed for the purpose or, alternatively, positioned on their backs. They must not be placed with the disc or pad face in contact with the floor or workbench.

## **Disclaimer**

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.

## **3M Automotive Aftermarkets Division**

3M Atherstone  
Ratcliffe Road  
Atherstone  
Warwickshire  
United Kingdom  
Tel: ++44-(0)1827-710292  
Fax: ++44-(0)1827-710393