

Worldwide Dispensers

Lee Road, Merton Park Estate, Merton,
London, SW19 3WD, England.
Tel: +44(0)20 8545 7500
Fax: +44(0)20 8545 7501
e.mail: marketing@dsswd.com

Reference: 251204
Issue: 9
Written by: D R Hodgson
First Issued: 30 March 1992

PRODUCT SPECIFICATION

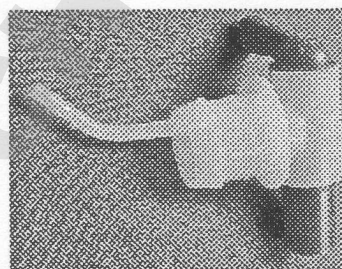
1. DESCRIPTION: Part no. 251204: AEROFLOW 1.6 Pe NAT/RED

2. COMPONENTS:

2a. Part No: 204601 Description: Aeroflow Body 1.6

Colour: Natural

Material: Stamylex 2258 Linear low density polyethylene natural or equivalent



2b. Part No: 204651 Description: Aeroflow Spigot

Colour: Red

Material: Basell Moplen HP400K, or Basell Moplen HP500J homopolymer polypropylene natural, or equivalent.

2c. Part No: 204675 Description: Aeroflow Separator

Colour: Natural

Material: Basell Moplen HP400K, or Basell Moplen HP500J homopolymer polypropylene natural, or equivalent.

All materials used are from reputable suppliers and are formulated to comply with the requirements of the food packaging regulations of European countries (EU Directive 2002/72/EC - S.I.1998/1376 as amended by S.I. 2000/3162, S.I. 2002/2364 and S.I. 2002/3008 in the U.K.) and of the Food & Drugs Administration (FDA) in the USA. Polymers and pigments containing heavy metals are not used by Worldwide Dispensers and products comply with CONEG standards and EU Directive 94/62 EC (UK SI 1998 No.1165). Polymers and pigments comply with EU Directive 76/769/EEC relating to use of dangerous substances and preparations and its 26 amendments up to and including 2003/53/EC.

3. INSPECTION:

3a. Quality Department will take random samples of parts as manufactured or delivered and inspect visually, dimensionally and for practical performance as laid down in the internal Operating Procedures and Component Specifications.

3b. Production or Assembly Department will visually inspect 100% as components are assembled and/or tested and will perform final testing as laid down in the Assembly/Test Specification

4. DEFECTS:

Inspection check lists for components will be as follows:

Dispensing orifice to be clear of flash
Air hole in front to be clear

Reference 251204 Issue 9 (continued)

Pipe bend to be within drawing limits
Air pipe to be clear of flash, dragging or other obstructions
No sinking, twisting or distortion affecting performance
No significant ejection dragging especially on seal areas
No inclusions or gas burns above 0.3mm²
No surface contamination other than minimal dust
No flash or damage affecting performance or creating hazard
Only minimal flash on non-function areas
Colour dispersion to be consistent within agreed limits

Dimensions will be checked to ensure that they conform to the appropriate internal component drawing.

5. ASSEMBLY:

Assembly of spigot to body may be automated or manual. In the event of automated assembly, regular samples will be taken and inspected according to the defect list above. Any defectives found may result in 100% inspection. In the event of manual assembly, care will be taken on assembly of spigot to body to ensure that the spigot is in the tap closed position and that it is fully inserted.

6. TESTING:

Each assembly will be air tested at 5psi to ensure no leakage. Any loss of pressure within 5 seconds of any one component on test will result in rejection. Each passed tap will be fitted with a separator within the spigot and the air vent pipe will be checked to ensure that it is not restricted and that it is bent upwards at the correct angle. At all stages of assembly a visual inspection will be performed and any defective found will be rejected. Magnification aids will not be used (except prescription spectacles if normally used by the operator). Any blemish that will not affect the performance and is unlikely to be noticed by the consumer will be approved for use.

7. AMENDMENTS:

Issue 2, 8 December 1992: Automatic assembly added.
Issue 3, 15 June 1995: Separator material updated.
Issue 4, 19 September 1996: Separator material option added
Issue 5, 24 February 2000: Separator material amended
Issue 6, 10 March 2003: Moplen HP400K was previously named Montell KM6100
Issue 7, 19 May 2004: Material options and Note added. Food contact declaration updated.
Issue 8, 3 June 2004: Inspection note added.
Issue 9, 19 October 2004: Picture added.

Note: Our products may not be suitable for use with all liquids, for all filling or dispensing conditions. Worldwide Dispensers cannot and does not therefore warrant that our products will be fit or suitable for the intended application. It is recommended that you satisfy yourself that the liquid to be dispensed is compatible both with the raw materials from which our products are made as well as the products themselves. Prior to introducing the use of our products to a commercial application, you should conduct all appropriate tests to identify and prevent problems resulting from environmental stress cracking, dimensional changes, chemical attack, changed mechanical properties, the effect of temperature and temperature changes and other relevant factors. You should also verify that the fit of the product to its container is satisfactory, that the product is compatible with filling conditions, that the flow rate and flow characteristics of the product meet your requirements and that the product is suitable for the expected distribution and storage conditions. For the avoidance of doubt, Worldwide Dispensers accepts no liability whatsoever for any loss or damage, injury or death caused as a result of your failure to observe any of the aforementioned precautions.