



**Technical Specification for
BADGES RANK
DPM Woven**

Defence Clothing

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PREFACE

TABLE 1 – PRODUCT LIST

Item Name	BADGES RANK DPM Woven	
Development File No	NN/SCD/P1113	
Product Support File No.	NV/82/191	
NATO Stock No.	Insignia	Pattern No.
8455-99-132-3939	Royal Arms in Wreath	21038A
8455-99-132-3940	Royal Arms	21039A
8455-99-132-3941	Crown in Wreath	21040A
8455-99-132-3942	Large Crown	21041A
8455-99-132-4599	Four Bar Inverted Chevron with Crown above	21395A
8455-99-132-3943	Three Bar Chevron with Crown above	21042A
8455-99-132-3944	Three Bar Chevron	21043A
8455-99-132-3945	Two Bar Chevron with Crown above	21044A
8455-99-132-3946	Two Bar Chevron	21045A
8455-99-132-3947	One Bar Chevron	21046A

Any colour shown in this document is for representation and must not be used for colour matching.

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TABLE 2 – ISSUE RECORD

Issue No	Comments	Issue Date
6	Reformatted. Change to labelling/ packaging requirements.	09 September 2009
5	'A' Suffix added to pattern numbers	16 February 2005
4	Updating related specs & docs. Deleting desert variant NSN's an re-introducing woodland variant NSN's	19 November 2004
3	Woodland NSN 's removed and replaced by desert NSN's	27 November 2001
2		30 March 1977
1		

PART 1

1. THE PRODUCT

- a. Use of the Product. Rank identification for use on parachutist smocks.

TABLE 3 - RELATED SPECIFICATIONS AND DOCUMENTS

Specification/Document	Detail
BS EN ISO 105	Textiles Test for colour fastness
B02	Colour fastness to artificial light. Xenon arc fading lamp test.
C06	Colour fastness to domestic & commercial laundering.
D01	Colour fastness to dry cleaning.

2. PATTERNS.

- a. Master Patterns. The DC holds a Master Pattern for this product. Potential contractors may view the pattern on site by arrangement with the DC Commercial Department.
- b. Standard Patterns. A Standard Pattern may be obtained from the DC Technical Information Office and may be used to provide the criteria for all materials, components and manufacturing features not fully defined in this specification.

PART 2

3. PRODUCT DESIGN

- a. Product Description. Woven badges with insignia rank woven into them. Dark green background with dark brown insignia.

TABLE 4 – PRODUCT COMPONENTS

4.1 Yarns	<ul style="list-style-type: none"> • All yarns used shall be polyester and the shades used shall match those of the relevant Standard Pattern. • Thickness of yarn. Base fabric: Warp: black, producer-coloured filament, 90 denier (10 tex) double ends. Weft: green, textured, 130 denier (14.4 Tex). • Insignia: weft: dark brown, textured, 130 denier (14.4 Tex).
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TABLE 5 – PRODUCT CONSTRUCTION

5.1 General	<ul style="list-style-type: none"> • The badges shall be woven with the appropriate insignia as an integral part.
5.2 Base fabric	<ul style="list-style-type: none"> • The base fabric shall be woven to provide at least 42 double threads per cm in the warp and 38 threads per cm in the weft in the finished badges.
5.3 Insignia	<ul style="list-style-type: none"> • The dark brown weft yarn used for the insignia shall be in addition and for all badges shall run vertically through the insignia.
5.4 Chevrons	<ul style="list-style-type: none"> • The arms of the chevrons shall be 3.8cm long.
5.5 Size	<ul style="list-style-type: none"> • The badges shall be cut rectangular in shape having a 20mm margin of background fabric clear of the insignia in all directions.

4. LABELLING REQUIREMENTS.

Information and format is to be as follows:

- Each item is to be individually wrapped (pairs or each) and identified by a clearly printed pressure sensitive self adhesive label firmly adhered to the outside of the polythene envelope/Bag.

TABLE 8 – SPECIMEN LABELS

ITEM NAME
NSN
Contract Number

Example Identification and marking label

5. COLOUR FASTNESS

The colour fastness of the finished badges shall be not lower than the ratings given in the following table:

Method of Test BS EN ISO 105					
B02		C06		D01	
Light (xenon)		Washing		Dry cleaning	
Colour change	Staining	Colour change	Staining	Colour change	Staining
4-5	-	5	5	5	5

6. MEASUREMENTS

The measurements shall be taken with the badge laid flat and without stretching.