



**Technical Specification for
BADGE, RANK
Woven, Ward Dress, QARANC**

Defence Clothing

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PREFACETABLE 1 – PRODUCT LIST

Item Name	BADGE, RANK Woven, Ward Dress, QARANC	
Development File No.	NN/SCD/P1555/3	
Product Support File No.	NV/82/041	
NATO Stock Number	Rank Insignia	Pattern Number
8455-99-132-6499	WO1 Royal Arms	22101
8455-99-132-6500	WO2 Crown in Wreath	22102
8455-99-132-6501	S/Sgt Small Crown/3 Bar Chevrons	22103
8455-99-132-6502	Sgt 3 Bar Chevron	22104
8455-99-132-6503	Cpl 2 Bar Chevron	22105
8455-99-132-6504	L/Cpl 1 Bar Chevron	22106

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

IPR STATEMENT

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TABLE 2 – ISSUE RECORD

Issue No.	Comments	Issue Date
3	Reformatted.	20 August 2009
2	Reformatted; related specifications updated.	10 December 2003
1	Specification reformatted without technical change and re-issued as Issue 1. (June 2002).	30 March 1982

PART 1

1. THE PRODUCT

- a. Use of the Product. Woven rank badges for QARANC personnel - WO1 to L/Cpl for wear on Ward dress.

TABLE 3 – RELATED SPECIFICATIONS AND DOCUMENTS

Specification/Document	Detail
BS EN ISO 105	Textiles. Tests for colour fastness.
B02	Colour fastness to artificial light.
CO6	Colour fastness to domestic and commercial laundering.

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 grey base fabric with appropriate scarlet rank insignia.

TABLE 4 – PRODUCT COMPONENTS

4.1 Base fabric	<ul style="list-style-type: none"> Warp – Black, producer coloured filament, polyester (10 tex) double ends. Weft – Grey, textured, (14.4 tex) nylon.
4.2 Insignia	<ul style="list-style-type: none"> Weft – Scarlet, textured, (30 tex) nylon or mercerised cotton.

TABLE 5 – PRODUCT CONSTRUCTION

5.1 Insignia	<ul style="list-style-type: none"> The badges are to be woven with the appropriate insignia as an integral part. 																		
5.2 Base fabric	<ul style="list-style-type: none"> The base fabric is to be woven to provide at least 56 double threads per cm in the warp and 28 threads per cm in the weft in the finished badges. Base weave shows: <table border="1" data-bbox="983 1301 1222 1361"> <tr> <td>X</td> <td>= Warp up</td> </tr> </table> <table border="1" data-bbox="735 1375 1281 1615"> <tr> <td></td> <td></td> <td>X</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table> 	X	= Warp up			X					X		X			X			
X	= Warp up																		
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5.3 Measurements	<ul style="list-style-type: none"> The arms of the chevrons are to be 3.8cm long. The badges are to be cut so as to have a 20mm margin of background fabric clear of the insignia in all directions. <ul style="list-style-type: none"> The measurements are to be taken with the badge laid flat and without stretching. 																		

TABLE 6 – COLOUR FASTNESS

Method of Test		
BS EN ISO 105		
BO2	CO6 (C2) Single test	
Light (Xenon)	Washing	
4-5	Colour change	Staining
	4-5	4

4. LABELLING REQUIREMENTS

- 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.
- Information and format to be as follows: NATO Stock number, contract number and year of manufacture.

TABLE 7 – SPECIMEN LABELS

NSN
Contract No.
Year of Manufacture

Figure 1 Example Identification and Marking Label