

HEADQUARTERS  
PHILIPPINE ARMY  
OFFICE OF THE ARMY QUARTERMASTER  
Fort Andres Bonifacio, Metro Manila

TEST PARAMETERS  
PONCHO TENT, PHILARPAT  
JUL 03 2018

TEST PARAMETERS	QM SPEC NR IC-22PTP dtd 01 Nov 1991 with Amend 1 dtd 25 Sep 03, Amend 2 dtd 09 Aug 04 and Amend 3 dtd 20 Apr 2018 (Interim)	Classification of Defects	
		Major	Minor
<b>Measurement, cm</b>			
Width	145.35 - 160.65	x	
Length	225.565 - 232.435	x	
<b>MATERIALS</b>			
Basic Material	Nylon	x	
Coating	The fabric shall be coated with polyurethane compound or Polyvinyl chloride on one side (reverse side)	x	
	The coating on reverse side shall be dark green		x
Coating Thickness(reverse side)	30µm (microns) (minimum)	x	
	The PHILARPAT design face (front side) shall be coated with water repellant coating.	x	
	The coated fabric (front side) is 100% water repellant and free from pinholes	x	
Color	PHILARPAT	x	
Color Quality, (Color Difference)	2.5 (maximum)		x
Weight, g/m <sup>2</sup>	150 (maximum)	x	
Type of Weave	Plain weave with Ripstop Design	x	
Thread Count/2.54cm			
Warp	100 (minimum)		x
Filling	70 (minimum)		x
Thickness, mm (overall)	0.10 (minimum)		x
Yarn Size, Denier, (Fine)			
Warp	70 (minimum)		x
Filling	70 (minimum)		x
Yarn Size, Denier (Coarse)			
Warp	150 (minimum)		x
Filling	150 (minimum)		x
Tensile Strength, kg/m			
Warp	900 (minimum)	x	
Filling	900 (minimum)	x	
<b>Water Resistance</b>			
Hydrostatic Pressure test	7,000mm H <sub>2</sub> O pressure (minimum)	x	
Impact Penetration Test	Zero (0) grams water	x	
Rain Test	Zero (0) grams water	x	
<b>Eyelet</b>	Brass	x	
Finish	Black chemical finish		x



JUL 03 2018

TEST PARAMETERS	QM SPEC NR IC-22PTP dtd 01 Nov 1991 with Amend 1 dtd 25 Sep 03, Amend 2 dtd 09 Aug 04 and Amend 3 dtd 20 Apr 2018 (Interim)	Classification of Defects	
		Major	Minor
<b>Grommets</b>	Brass	x	
Finish	Black chemical finish		x
Inside Diameter, mm	8.0 ± 1		x
No. of pieces	Eight (8)	x	
Location	Shall be inserted in the four (4) corner hems of the Poncho, one in each corner and one in each hem equidistant from the corners	x	
<b>Snap Fasteners</b>	Shall consist of a socket and stud eyelet combination	x	
	Brass	x	
Finish	Bronze finish		x
Location	Shall be inserted in both long hems and shall be spaced 22.2 ± 0.2cm apart starting 15.2 ± 0.2cm from the centerline of the center grommets		x
	When the Poncho is folded half in either way, the snap fasteners shall correspond without gaping along the side seams when fasteners are snapped together	x	
<b>Draw Cords</b>	Braided nylon		x
	Shall be tubular		x
	The ends shall be either tipped or resin coated		x
Diameter, mm	4 (minimum)		x
Length, cm			
For Hood	117 ± 1	x	
For Waist	170 ± 1	x	
<b>Reinforcement Materials &amp; Hem</b>	Same as the basic material	x	
	The width shall be 3.2 ± 0.2cm sewn all along the entire hem of the Poncho tent		x
	The width of hem shall be 3.5 ± 0.2cm		x
<b>Neck Seam Reinforcement</b>	Same as the basic material	x	
<b>(Neck Binding Strip)</b>	Shall be strip cut in bias, 2.5cm to 3.0cm wide		x
Finished width, cm	1.0 ± 0.2		x
Stitching	Double row stitched inside		x
<b>Construction</b>			
Make Hood	The hood facing shall consist of the left and right facing pieces of the basic fabric	x	
	Stitching shall be thermo bonded with coated seal tape	x	
	The width of the hood draw cord tunnel shall be 3.5 ± 0.2cm		x
Make Waist Drawcord Tunnel	The waist tunnel shall be positioned inside front of Poncho tent with center 37 - 39 cm from neck with ends equidistant from the center line		x
	Stitching shall be thermo bonded with coated seal tape	x	
<b>Design</b>	The Poncho tent shall have sides that are hemmed and shall be equipped with snap fasteners as closure and grommets for attaching tent pins. It shall have a hood with drawcord for the closing and drawcord for waist adjustment	x	



JUL 03 2018

TEST PARAMETERS	QM SPEC NR IC-22PTP dtd 01 Nov 1991 with Amend 1 dtd 25 Sep 03, Amend 2 dtd 09 Aug 04 and Amend 3 dtd 20 Apr 2018 (Interim)	Classification of Defects	
		Major	Minor
"AFP" Marking	With "AFP" marking or any major service marking as stated in the contract as per preference of the end-user.	x	
Location	Printed at the center back side of the poncho, 5 ± 0.2 cm from the bottom		x
Dimension of letterings, cm			x
Height	4.44	± 0.1 cm	
Width	2.80		
Thickness	0.79		
Distance between letterings	0.79		
<b>Contractor's Label</b>	With contractor's label	x	
Contents	PONCHO TENT, PHILARPAT		x
	QM SPEC NR IE - 22PTP with Amend 3 (Name of Contractor)		
Size of Label	Arial Font, size 20		x
<b>TOTAL TEST POINTS</b>		<b>32</b>	<b>28</b>

  
**RICHARD T RUFFY**  
 Colonel, GSC (QMS) PA  
 Acting Chief