

## TECHNICAL DATA SHEET - TYPE 2

# Characteristics evaluated and performance requirements according to EN 14126

S.N	PARAMETER	TEST METHOD	UNITS	VALUES FOR PU COATED RECRON FABRICS
<b>A General</b>				
1.	Woven Polyester Fabric (width)		Inches/cms	59 / 150
2.	Colour of Coated fabric			White
3.	Woven, Coated Fabric Mass, Gram per square meter (GSM)	ASTM D 3776	g/m <sup>2</sup> (GSM)	85
<b>B Physical &amp; Mechanical Properties</b>				
4.	Tensile strength	IS 7016-II	N	600/450
5.	Tear strength (Warp/Weft)	IS 7016-III (MA) (Tongue Method)	N	50/70
6.	Bursting Strength	ISO 13938-1:2001		Under Testing
7.	Water Repellency	IS 390 :1975		Pass ( 80 minimum)
8.	Resistance to Water Penetration- Hydrostatic pressure test	ISO-811:2018 (Pressure rise up to 100 cms)	cms water column	OK, No leakage, No wetting
9.	Breathability	ASTM E96.96 M:2016	g/m <sup>2</sup> /day	1241
10.	Air Permeability	ISO 9237: 1995	mm/sec	0
<b>C Infectious Agent Resistance Tests in EN 14126 :2003 applies to reusable anti-virus protective clothing</b>				
11.	Resistance to penetration contaminated liquids (synthetic blood) under pressure.	ASTM F1670/F1670 M-08 (2017) by SITRA OR ISO 16603 Level 5/6 by DRDO	No penetration ( Class 5= 14kPa, Class 6 =20kPa)	Pass