



Reach Global India Pvt. Ltd.

Technical Data Sheet (TDS)

TDS No.:

RGI/TDS/ICR

Rev. No.:

00

Effective Date:

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**Sterile Protect Kit**

<b>PRODUCT CODE</b>	ICR
<b>PACKAGE CONTENT</b>	Isolation gown-1no, 3 ply face mask—2 no, bouffant cap-1no, towel-2 no
<b>RELATED STANDARDS</b>	Sterile Protect Kit according to EN ISO 13795 standards.
<b>INTENDED USE</b>	Sterile Protect Kit are designed to provide the assured aseptic surgical procedures and treatment procedures, protections of implant devices from contaminations, protection of Dentist, assistants and Patients from infections is utmost important.
<b>OPERATION CONDITIONS</b>	Sterile Protect Kit are ready to use (RTU) for aseptic operations and sterilized by ethylene oxide, sterilization methods. Instructions for use and disposal are mentioned on kit. Follow the instructions to achieve the intended results.
<b>INSTRUCTION TO USE</b>	Do not use kit if found damaged. Do not re-sterilize or re-use

**RAW MATERIAL SPECIFICATIONS:**

<b>SMMS SHEET</b>	<b>PROPERTIES</b>	<b>UNIT</b>	<b>TYPICAL VALUE</b>
	GSM	g/m <sup>2</sup>	35 ±3
	Thickness	Mm	0.23 ±0.03
	Tensile Strength MD	N/100 mm	NLT 90
	Elongation MD	%	80 -160
	Tensile Strength CD	N/100 mm	NLT 50
	Elongation CD	%	70 - 150
	Hydro head	Mbar	30 - 80

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CIN U 74900PN2012PTC145221 GST: 27AAGCR1308D1ZS

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TECHNICAL DATA SHEET

	PROPERTIES	UNIT	TYPICAL VALUE
Thread	Color of Thread	NA	Blue
	Material used	NA	100 % Polyester
	Strength CV	%	6.80
	Elongation	%	14.70
	Knitted Material	Type	NA
Color		Visual	White
Resistance Type		NA	Blood, water and chemical resistance
GSM		gram	150-200
Elastic	color	visual	White
	Thickness	mm	NLT 0.80
	width	mm	06 mm
Size Tag	Size	cm	4 x 2.5
	Type	NA	Printed with 'Oro' and respected size S,M,L,XL,XXL
Snap Button	color	visual	White
	Shape	visual	Circular
	Diameter	mm	12

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PRODUCT SPECIFICATIONS:

<b>Description</b>		Isolation Gown				
<b>Material Composition</b>		SMMS				
<b>Testing Frequency</b>		Daily				
<b>Test Method</b>		EN13795				
Part of a Gown	Test Item	Specification				
		S	M	L	XL	XXL
<b>A</b>	Length of gown (±2cm)	105	110	115	120	125
<b>B</b>	Width of gown (±2cm)	125	130	135	140	145
<b>C</b>	Sleeve length (±1cm)	44	49	54	54	59
<b>D</b>	Arm height (±1cm)	24	25	27	29	31
<b>E</b>	Shoulder to neck distance (±1cm)	14	15	16	16	17
<b>G</b>	Front neck width (±1cm)	30	30	30	32	32
<b>I</b>	Collar length	51	52	54	55	57
<b>J</b>	Collar Width	2.5	2.5	2.5	2.5	2.5
<b>K</b>	Waist belt length (±10cm)	170	170	170	170	170
<b>L</b>	Waist belt width (±1cm)	4	4	4	4	4
<b>M</b>	Waist belt distance from neck (±2cm)	38	41	43	46	48.5
<b>N</b>	Cuff length (±1cm)	5	5	5	5	5
<b>O</b>	Cuff width (±1cm)	6	6	6	6	6
<b>P</b>	No. of buttons in Gown	4	4	4	4	4
<b>R</b>	Distance between two button	3	3	3	3	3

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PRODUCT SPECIFICATIONS:

Items	Specifications	
ORO 3 Ply Face mask	Material used	Nonwoven fabric
	Color	Blue
	GSM	74 gram
	Thickness	0.50 mm
Bouffant Cap	Material used	Nonwoven fabric
	Color	Blue
	Thickness	0.10mm
	GSM	0.09
	Thread	2LPEX knitted Fabric
	Length of cap	18 inch
Towel	Material used	Nonwoven fabric
	Color	White
	Thickness	0.26 mm
	GSM	35 gram

Packing and Storage:

Packaging Flow	Sterilization Pouch – SMMS Sheet Cover - Isolation Gown -- Face Masks – Bouffant Caps – Hand Towels	
Sterilization Method	ETO Sterilization	Sterilization Time
Sterilization Condition	60 – 80 Kg	420 min
Storage	Store package in controlled environment with restricted handling.	
Expiry	Three years from the date of sterilization.	

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