



Reach Global India Pvt. Ltd.

Technical Data Sheet (TDS)

TDS No.:

RGI/TDS/RIGS

Rev. No.:

00

Effective Date:

12.01.2022


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ORO Sterile Isolation Gown Knitted


| | |
|-----------------------------|--|
| PRODUCT CODE | RIGS |
| RELATED STANDARDS | ORO Sterile Isolation Gown Knitted according to EN 13795 And ISO 9001 standards |
| INTENDED USE | The gown is a two-way isolation that prevents both medical personnel from being infected or contaminated and prevents the patient from being infected. It helps patients exposed to contact-borne infectious diseases such as multi-drug resistant bacteria. |
| INSTRUCTION TO USE | Single use only Do not use if found damaged/contaminated Do not sterile twice |
| OPERATION CONDITIONS | To be used in controlled area in CSSD and Hospitals |

RAW MATERIAL SPECIFICATIONS:

| | Properties | Unit | Results | |
|------|---|------------------|------------|------------|
| | Material Type  | | 35GSM | 43GSM |
| SMMS | GSM | g/m ² | 35 ±3 | 43 ±3 |
| | Thickness | Mm | 0.23 ±0.03 | 0.30 ±0.03 |
| | Tensile Strength MD | N/100 mm | NLT 90 | NLT 130 |
| | Elongation MD | % | 80 -160 | 90 - 170 |
| | Tensile Strength CD | N/100 mm | NLT 50 | NLT 70 |
| | Elongation CD | % | 70 - 150 | 80 - 160 |
| | Hydro head | Mbar | 30 - 80 | 40 - 80 |

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Office No. 1&2, Wing A, Sai Raj Regency, Pimple Saudagar, Pune - 411 027, Maharashtra, India.

+91 20 2740 9487 |  info@orohealthcare.com | Customer Care No: +91 93707 88850/52/55 | www.orohealthcare.com
CIN U 74900PN2012PTC145221 GST: 27AAGCR1308D1ZS



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RAW MATERIAL SPECIFICATIONS:

| | Properties | Unit | Results |
|-------------------------|------------------|------|---|
| Thread | Color of Thread | NA | Blue |
| | Material used | NA | 100 % Polyester |
| | Strength CV | % | 6.80 |
| | Elongation | % | 14.70 |
| | Thickness | mm | 0.14 |
| | Knitted Material | Type | NA |
| Color | | NA | white |
| Resistance Type | | NA | Blood, water and chemical resistance |
| GSM | | gram | 150-200 |
| Thickness (Double fold) | | mm | 1.62 |
| Elastic | color | NA | White |
| | Thickness | mm | NLT 0.80 |
| | width | mm | 6 mm |
| Size Tag | Size | cm | 4 x 2.5 |
| | Type | NA | Printed with 'Oro' and respective size S, M, L, XL, XXL |
| Snap Button | color | NA | White |
| | Shape | NA | Circular |
| | Diameter | mm | 12 |

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FINISHED PRODUCT SPECIFICATIONS:

| Description | | ORO Sterile Isolation Gown Knitted | | | | |
|----------------------|---|------------------------------------|-----|-----|-----|-----|
| Material Composition | | SMMS | | | | |
| Testing Frequency | | Every lot | | | | |
| Test Method | | EN13795 | | | | |
| Sr. No | Test Item | Dimensions (in cm) | | | | |
| | | S | M | L | XL | XXL |
| 1 | Length of gown (± 2 cm) | 115 | 120 | 125 | 130 | 135 |
| 2 | Width of gown (± 2 cm) | 145 | 150 | 155 | 160 | 165 |
| 3 | Sleeve length (± 1 cm) | 51 | 56 | 60 | 65 | 71 |
| 4 | Arm height (± 1 cm) | 23 | 24 | 26 | 28 | 30 |
| 5 | Shoulder to neck distance (± 1 cm) | 21 | 22 | 23 | 24 | 25 |
| 6 | Front neck width (± 1 cm) | 29 | 31 | 33 | 35 | 37 |
| 7 | Neck tie length (± 2 cm) | 38 | 38 | 38 | 38 | 38 |
| 8 | Collar length | 55 | 57 | 60 | 63 | 68 |
| 9 | Collar Width | 3 | 3 | 3 | 3 | 3 |
| 10 | Waist belt length (± 10 cm) | 190 | 190 | 190 | 190 | 190 |
| 11 | Waist belt width (± 1 cm) | 4 | 4 | 4 | 4 | 4 |
| 12 | Waist belt distance from neck | 38 | 41 | 43 | 46 | 46 |
| 13 | Cuff length (± 1 cm) | 5 | 5 | 5 | 5 | 5 |
| 14 | Cuff width (± 1 cm) | 6 | 6 | 6 | 6 | 6 |
| 15 | No. of buttons in Gown | 4 | 4 | 4 | 4 | 4 |
| 16 | Distance between two button | 3 | 3 | 3 | 3 | 3 |
| 17 | Size Tag | 4 | 4 | 4 | 4 | 4 |

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PACKING MATERIAL SPECIFICATIONS:

| Pouch | Components | Composition | Results |
|---------------------------|---------------------|-------------------------------|-------------------------------------|
| | Medical grade paper | | 100% white colored cellulose fibers |
| | | Grammage | 57-63 gram |
| | | Thickness | 0.10mm |
| PET/PP blue laminate film | | 100 % white colored Polyester | White |
| | | Grammage | 48-57gram |
| | | Thickness | 0.08 mm |

| Items | Specifications | |
|-------|----------------|-----------------|
| Towel | Size | Nonwoven fabric |
| | Colour | White |
| | Thickness | 0.26 mm |
| | GSM | 35 gram |
| | Size | 25x25 cm |

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Packing and Storage:

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| Packaging Condition | Individually packed in Sterile medical grade paper pouch/ Folded gown (1) and hand towel (2) 25x25 cm is packed in pouch with SMMS sheet wrapping then open end is sealed by rota sealer, EO label is applied on paper of pouch below Oro logo. Sterile isolation gown for all sizes standard packing is 01 gown/ pouch and 50 pouch / carton. |
| Storage | Store in cool and dry place in controlled area. |
| Expiry | Two years from the date of Manufacturing. |

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