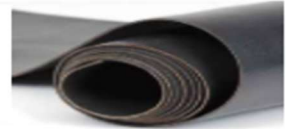


PRODUCT: - NYLON FABRIC SINGLE TEXTURE INFLATABLE BLADDER
TECHNICAL DATA SHEET



TECHNICAL SPECIFICATION

| SR NO | PROPERTY | UNIT | STANDARDS | SPECIFICATION |
|-------|--|----------------|---------------------------------------|--|
| 1 | Coated Fabric Thickness | MM | IS 7016 - PART I | 1.20 ± 0.10 |
| 2 | Coated Fabric GSM | Gram/sq. meter | IS 7016 - PART I | 1500 ± 100 |
| 3 | Coated Fabric Width | CMS OR MM | IS 7016 - PART I | 150 |
| 4 | BREAKING STRENGTH | | | |
| A) | Warp | Kg/50mm | IS 7016 - PART II | 300 |
| B) | Weft | Kg/50mm | IS 7016 - PART II | 300 |
| 5 | ELONGATION AT BREAK | | | |
| A) | Warp | % | IS 7016 - PART II | 24 ± 4 |
| B) | Weft | % | IS 7016 - PART II | 26 ± 4 |
| 6 | TEAR STRENGTH | | | |
| A) | Warp | Kgf | IS 7016 - PART III | 10 |
| B) | Weft | Kgf | IS 7016 - PART III | 10 |
| 7 | PEEL STRENGTH | | | |
| A) | Warp | Kg/25mm | IS 7016 - PART V | 5 |
| B) | Weft | Kg/25mm | IS 7016 - PART V | 5 |
| 7 | Colour | | As Per Customer PO | As Per Customer Requirement |
| 8 | Air Leak Proofness Test | Gms/Cm2 | | When tested at a pressure of 200 gms/cm2 - no leakage should be found |
| 9 | Polymer | .. | | As Per Customer Requirement |
| 10 | Resistance to Flex Cracking For 100000 Cycle | ... | No Crack Observed | No Crack Observed |
| 11 | Low Temperature Bend Test @ -20 °C | | No Crack Observed | No Crack Observed |
| 12 | Dimension Test | MM | As Per Customer PO & Approval Drawing | As Per Customer Requirement |
| 13 | Pressure Test | PSI | As Per Zenith QAP | The flexible bladder should be inflated at ambient temp and it is to be kept for 24 hrs. Under 2 PSI pressure. There should be No Pressure drop |
| 14 | Leakage Test | ... | As Per Zenith QAP | The flexible bladder should be inflated at ambient temp. Under 2 PSI pressure & Apply Soap Water Solution on body. There Should be no leakage in Seam Joint, Flange & body |

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*

