

12.0 SPECIFICATIONS OF BARRIER BAG:**Specification No. OFN/SPEC/BMCS/M91/M92/BB/00**

DESCRIPTION			
The barrier bag shall be made of Barrier materials having properties of water vapour proof, grease-proof, flexible and heat-sealable, manufactured as per specification no. MIL-PRF-131K , Class 1-Plastic backing (non-woven).			
Sl. No.	Description	Unit	SPEC. LIMIT
1.0	DIMENSIONS		
1.1	Length	mm	460±5.0
1.2	Width	mm	290±2.0
1.3	width of Heat Seal	mm	10±2.0
2.0	MARKING		As per Drg. No. BMCS-M91-M92-BB-02

Performance Requirements of Barrier Bags : Class 1-Plastic Backing (Non-Woven)			
Sl. No.	Characteristics		Reference
1	Seam Strength		
	1	As received material sealed & tested	
	1.1	At room temperature (separation-mm)	No separation
	1.2	At 37.7°C and at 71.1°C (100°F and at 160 °F) (separation -mm)	6.35 (Max.)
2	Water vapor Transmission Rate (WVTR)		
	1.0	After room temperature flexing:	
	1.1	As received (gm/sq.m/24 hrs)	0.3100 (max)
	1.2	Aged (gm/sq.m/24 hrs)	0.3100 (max)
3	Breaking Strength		
	1.1	As received (weakest direction) (kg/cm)	8.93 (minimum)
	1.2	After Aging (weakest direction) (kg/cm)	8.93 (minimum)
4	Puncture Resistance		6.8 kg (minimum)
			IS 4006-1985 PART-2 (RA 2013)

Drawing/Specification
Checked & Vetted
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For General Manager
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