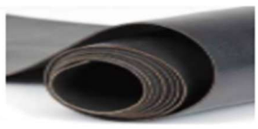
ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

GOVERNMENT OF INDIA RECOGNISED EXPORT HOUSE

PRODUCT: - NYLON FABRIC SINGLE TEXTURE BOTH SIDE NEOPRENE BLACK AIR-CASTER TECHNICAL DATA SHEET



TECHNICAL SPECIFICATION

SR NO	PROPERTY	UNIT	STANDARDS	SPECIFICATION
1	Coated Fabric Thickness	MM	IS 7016 - PART I	2.50 ± 0.20
2	Coated Fabric GSM	Gram/sq. meter	IS 7016 - PART I	3100 ± 100
3	Coated Fabric Width	CMS OR MM	IS 7016 - PART I	150
4	**BREAKING STRENGTH**			
A)	Warp	Kg/50mm	IS 7016 - PART II	750
B)	Weft	Kg/50mm	IS 7016 - PART II	750
5	**ELONGATION AT BREAK**			
A)	Warp	%	IS 7016 - PART II	30 ± 4
B)	Weft	%	IS 7016 - PART II	36 ± 4
6	**TEAR STRENGTH**			
A)	Warp	Kgf	IS 7016 - PART III	30
B)	Weft	Kgf	IS 7016 - PART III	30
7	**PEEL STRENGTH**			
A)	Warp	Kg/25mm	IS 7016 - PART V	5
B)	Weft	Kg/25mm	IS 7016 - PART V	5
7	Colour		BLACK	BLACK
8	Air Leak Proofness Test	Gms/Cm2	As Per Customer PO	When tested at a pressure of 200 gms/cm2 - no leakage should be found
9	Polymer	..	NEOPRENE	NEOPRENE
10	Resistance to Flex Cracking For 100000 Cycle	...	No Crack Observed	No Crack Observed
11	Taber Abrasion Resistance	Milligrams	ISO 5470	After 500 revolution of the test piece holder the base fabric shall not be visible & the abrasion shall not exceed 0.7 mg/revolution
12	Dimension Test	MM	As Per Customer PO	As Per Customer PO
14	Leakage Test	...	As Per Zenith QAP	Air-caster should be inflated at ambient temp. Under 2 PSI pressure & Apply Soap Water Solution on body. There Should be no leakage in Seam Joint & Air Caster Balloon body
15	Load Test	KG	As Per Customer PO	Put the Suitable Weight On The Air-Caster Body & Apply Air pressure There Should Be Smooth Rolling of Air-Caster On The floor

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

ISO14001 : 2015 ISO 901 : 2015 45001:2018 DSIR NABL