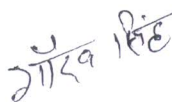
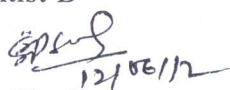



**TECHNICAL PARTICULARS OF FABRIC NYLON, 32 GSM, RIP STOP
FOR SU-30 PARA SYSTEM**


S. No.	Test Parameters	Specified Value		Test Method
		Variety I	Variety II	
1	Roll length, m, min.	100 or as agreed between buyer & seller		IS: 4726, Clause 8.1(f)
2	Width, cm, min.	120±2 or as agreed between buyer & seller		IS: 1954
3	Mass, gsm, max	32±2		IS: 1964
4	Thickness at 200 g/cm ² pressure, mm, max.	0.07	0.05	IS: 7702
5	Breaking Strength (test strip 5 x 20 cm), kgf, min, both ways	38	30	IS: 1969
6	Extension at break, %, min, both ways	20		IS: 1969
7	Tearing Strength, kgf, min, both ways	3.0	2.0	IS: 4726 (App. D)
8	Air Permeability, cm ³ /cm ² /sec at 10" WHP	470±40		IS: 4726 (App. A)
9	Nominal Linear Density of yarn, Tex, both ways	3.33	2.22	IS: 3442
10	Thread density per dm, both ways	440±10	620±10	IS: 1963
11	TPM, Both Ways	Spin twist		IS: 832
12	Weave	Rip Stop Plain Rib:6x6 (2 threads per rib) Body EndsxPicks: 30x30	Rip Stop Plain Rib:9x9 (2 threads per rib) Body EndsxPicks: 45x45	Visual
13	Material	Bright, High Tenacity (more than 6.5 gpd), Multifilament, Industrial Grade, Heat & UV Stabilized Nylon 6,6 Yarn		IS: 5762
14	Finish	Silicone Finish (0.3 to 0.5 % based on the dry mass of the fabric)		IS 4726, Clause no. 2.2.5
15	Colour fastness- for Dyed Fabric i. To light ii. To washing	5 when tested by the method given in IS : 2454-1967 4 when tested by the method given in IS : 687		IS 4726, Clause no. 3.7
16	Fabric Stability	Fabric stability must be adequate i.e. yarn should not be displaced easily under stress on surface of the fabric.		Visual

Note: These technical particulars are provisional. After ensuring the repeatability of these specified parameters in few bulk productions, the specification will be drawn & issued.


Gaurav Singh
Scientist 'D'


S. P. Singh
Scientist 'F', GD, Para, User


Prasanta Kumar Mallik,
Scientist 'C'


Vikas-B. Thakare
Scientist 'E', Head, TDTM