



INNOVATE • MANUFACTURE • SUSTAIN

PP NONWOVEN SPUNBOND

TECHNICAL DATASHEET

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INTRODUCTION

VitaTex is a manufacturer of high-quality polypropylene spunbond nonwoven products. Our products are tough and durable fabrics packaged to withstand normal wear and tear of shipping and handling. To ensure fabric quality and physical properties are maintained, the product needs to be handled with care and stored correctly. The below storage and handling guidelines should assist in ensuring product quality is maintained.

STORAGE & HANDLING

VitaSpun rolls are packed in a protective plastic and inspected before leaving our factory. Avoid contact with contaminants such as oil grease and water. We recommend that VitaSpun rolls be stored indoors, under proper cover to protect from weather, direct/indirect sunlight, and contamination, and in a climate-controlled area where possible. The rolls should not be unwrapped until needed for its required/intended purpose. We do not recommend storing the product vertically for long periods of time. Rolls should be stored horizontally on a solid floor or suitable storage rack and can be stacked on top of other to a safe and reasonable height, as long as bottom rolls are secured in a manner that prevents the bottom rolls from rolling. It is stressed that storage in direct and even indirect sunlight will deteriorate the physical properties over time even if UV additives are added.

GLOSSARY

- » LL - Lower Limit
- » UL - Upper Limit
- » NWSP - Non-Woven Standard Procedure
- » MD - Machine Direction
- » CD - Cross Direction

VITATEX (PTY) LTD

60 1st Street, Booyens Reserve, Johannesburg South, 2091
VAT No: 4400191252 | Tel: +27 10 007 0816

SPECS

Product type	Colour/s	GSM (MM)	Lenght/Roll (MM)	Width (MM)	Thickness (MM)	Tolerance (MM)	Tensile Strenght at break (N/5cm)			Elongation at break (N/5cm)		
							MD	CD	UL/LL	MD	CD	UL/LL
VitaSpun 10gsm Spunbond	w	10	1500	2100	0.1	0.1	18.1	12.2	19/11	182.5	145.5	180/140
VitaSpun 12gsm Spunbond	w	12	1500	2100	0.1	0.1	20.7	14.6	22 Dec	190.74	174.66	200/170
VitaSpun 14gsm Spunbond	w	14	1500	2100	0.1	0.1	22.3	15.5	24/15	195.5	179.2	200/175
VitaSpun 16gsm Spunbond	w	16	1000	2100	0.1	0.1	24.5	16.5	25/16	196.2	182.1	200/180
VitaSpun 17gsm Spunbond	w/UV	17	1000	2100	0.2	0.2	25	18.5	25/16	197.3	183.1	200/180
VitaSpun 20gsm Spunbond	w	20	2000	1050	0.29	0.3	52.5	40.5	50/40	198.5	185.2	200/180
VitaSpun 25gsm Spunbond	w/mb/b	25	1000	2100	0.31	0.3	60.5	56	55/40	199.9	189.5	205/190
VitaSpun 30gsm Spunbond	w	30	500	2100	0.31	0.3	70.5	60.5	75/50	204.2	190.2	205/190
VitaSpun 40gsm Spunbond	w/b	40	500	2100	0.42	0.4	90.4	75.5	85/75	205.5	192.2	205/190
VitaSpun 50gsm Spunbond	w/b/r/g/db/y/p/pu	50	500	195/2100	0.44	0.45	130.5	105.9	125/100	205.3	198.13	210/190
VitaSpun 60gsm Spunbond	w/b/r/eg	60	500	1050/1100/900/2100	0.46	0.45	149.4	100.8	150/100	222.48	209.98	250/210
VitaSpun 70gsm Spunbond	w/b/br/gr/r/p/bg	70	250	2100/1600	0.46	0.45	165.8	120.3	160/110	246.52	225.5	250/230

w= White | **b=** Black | **UV=** Ultra Violet | **mb=** Medical Black | **r=** Red | **g=** Green | **db=** Denim Blue | **y=** Yellow |
p= Pink | **pu=** Purple | **eg=** Emerald Green | **br=** Brown | **gr=** Grey | **bg=** Beige

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							MD	CD	UL/LL	MD	CD	UL/LL
VitaSpun 80gsm Spunbond	w/b/br/gr/r/p/bg	80	250	2100/1600	0.46	0.45	186.8	145.5	190/140	258.41	232.6	260/230
VitaSpun 85gsm Spunbond	eg	85	1000	1050/1100/900	0.51	0.5	188.2	150.1	190/140	260	233.2	260/230
VitaSpun 90gsm Spunbond	w/b/br/gr	90	250	2100/1600	0.52	0.5	205.2	185.5	210/180	264.5	240.3	270/235
VitaSpun 100gsm Spunbond	b/br/gr	100	200	2100/2000	0.52	0.55	230.4	206.4	235/200	264.2	242.6	270/235
VitaSpun 120gsm Spunbond	b/br/gr	120	200	2100/1600	0.55	0.6	261.4	215.2	255/210	265	245.1	270/240
VitaSpun 150gsm Spunbond	b/br	150	150	2100/1900	0.7	0.65	272.5	221.6	265/215	271	252.2	275/245
VitaSpun 70gsm Spunbond Embossed	b/br/gr/bg	70	250	2100	0.75	0.7	155.6	89.5	150/90	175.6	135.5	180/130
VitaSpun 80gsm Spunbond Embossed	b/br/gr	80	250	2100	0.8	0.75	165.8	94.4	150/100	185.5	140.5	180/130
VitaSpun 100gsm Spunbond Embossed	b/br/gr	100	200	2100/2000	0.85	0.8	168	104.9	155/105	189.6	144.8	180/135
VitaSpun 150gsm Spunbond Embossed	b/br	150	150	2100/1900	1	0.95	255.9	205.6	250/200	195.8	145.2	190/140

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