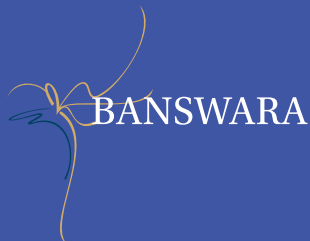


B SUPER

Fashion and function lie at the very core of our B Super fabrics. These are the fabrics of the future. Integrating technology with our designs helps us provide multi-functional, high performance products without compromising on feel, comfort and durability of the fabric.

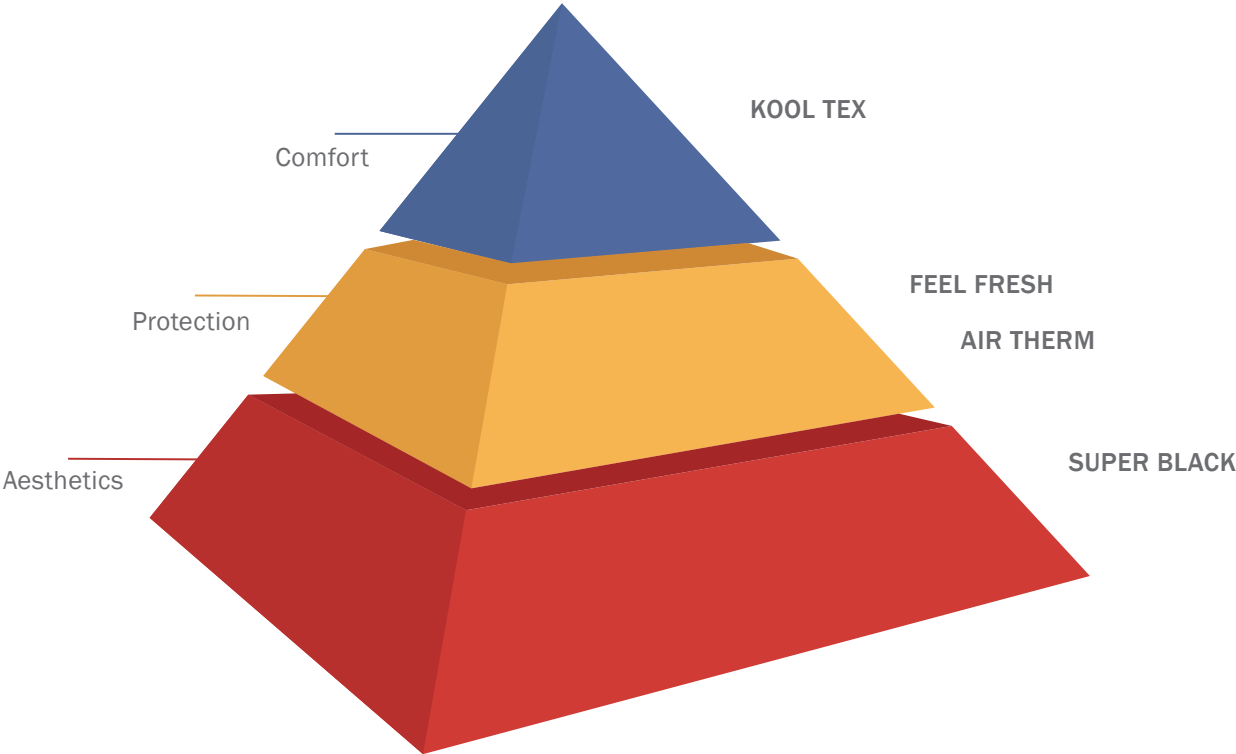
We offer multiple fabrics with different inherent properties
FEEL FRESH, KOOL TEX, AIR THERM, SUPER BLACK.

Along with R Elan we have created robust fibre to garment value chains that will exceed your expectations.



Application Themes

R|Elan™ Technologies



KOOL TEX

B Super powered by Kool Tex are specially engineered fabrics with inherent moisture management mechanisms that keep you cool and dry.

Sweat is a natural byproduct of any physical activity. It causes irritation and bacterial growth when accumulated in between the fabric and skin.

Three stage action to keep you cool and dry:

- Transports sweat to the fabric outer surface.
- Sweat spreads over a large area.
- Sweat evaporates swiftly.

PROPERTIES:

- Unique structure that draws moisture away from the skin through micro channels.
- Unique cross section of the fibres makes Kool Tex fabrics more breathable and comfortable.
- Ensures permanent comfort throughout the life of the garment.



Transports Sweat



Cool and Fresh



Evaporates Sweat



Spreads sweat over a large area



MOISTURE MANAGEMENT BENCHMARKING

No	Test	Unit	Results	
			B Super Kooltex	Other brand
1	Fabric Composition	Cotton : PET : Spandex	0:97:3	0:97:3
2	OMMC - Overall Moisture MGT Capability	Rating 1-5	4	4
3	Fabric Density	GSM	92	78
4	Thickness	mm	0.2	0.17
5	Drop Absorbency	mm	2	3.5
6	MVTR - Moisture Vapor Transmission Rate	gm/sq mtr/hr	20	19

Wicking height (in)	B Super Kooltex		Other brand	
	Warp	Weft	Warp	Weft
After 5 min	1.5	1.5	1.2	1
After 30 min	5.2	5	4.2	4

Test/Certification	Drying Time Test <i>(performed post 25+ washes)</i>	Only 0.6% moisture retention after 30 minutes (global benchmark of 1.3%)
	Wicking Height Test <i>(performed post 25+ washes)</i>	Wicking height of 5 in after 30 minutes (global benchmark of 4 in)

FEEL FRESH

B Super powered by Feel fresh are high performance fabrics that limit bad odor in garments.

Sweat which is often considered as the cause of body odor, doesn't smell itself. Odor is caused by bacteria that break down the sweat to produce volatile organic compounds that cause clothes to smell.

PROPERTIES:

- Permanent anti-microbial and anti-odor properties.
- Silver Power: Embedded silver nano-particles inhibit bacterial growth. Effective against Gram +ve and Gram -ve bacteria as well as fungus which cause odor.
- Increased Eco-Benefits: Since the garment is odor-free for a longer time, it reduces the need for multiple washing, thus saving water, energy and effort.
- Non Toxic: No stringent additional application steps or other toxic effects during yarn / fabric manufacturing steps.



Anti-microbial and
Anti-odor



Embedded Silver
Nano-particles



Easy Care



CERTIFICATIONS

Test/Certification	Anti-microbial Test	Product satisfactorily tested upto 50 washes (JISL 1902/ ISO 20743).
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Description	Modified polyester yarn with nano-silver ions inducted at polymer stage, resulting in long lasting anti-microbial property.
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AIR THERM

B Super powered by Air therm is a range of hollow, light polyester filament variants with better bounce, softer touch and superior thermal properties.

PROPERTIES:

- Enabling warmth and comfort: Functional fibre traps air for greater thermal insulation makes it perfectly suitable for winter clothing.
- Light weight characteristics: Can be used for everyday wear and extreme activities.
- Skin friendly product: No thermal insulation chemical is added.



Lightweight



Warm and
Comfortable



Easy Care



SUPER BLACK

B Super powered by Super Black is a rich black fabric that fits all occasions.

PROPERTIES:

- Rich Black Shade: Unmatched colour intensity.
- Everlasting consistent colour: Dye is introduced in the ingredient fibres at the manufacturing stage. This keeps the black colour locked in throughout the lifecycle of the fabric with the same consistency. The fabric is highly resistant to UV fade and shade changes.
- Easy Care and Maintenance: No cross staining during washing. Easy care, giving you peace of mind.
- Environmentally friendly as no water is used in pre-colouration.



Rich Black
Shade



Everlasting Colour



Easy Care



Manufacturing Facilities - Quality Certifications and Support

1	ISO - 9001	2008
2	ISO - 14001	2015
3	OHSAS - 18001	2007
4	GRS Certification	Certified “Green Fiber” Recycler by Control Union, Netherlands.
5	Oekotex Certified	For Product Safety by Hohenstein, Germany.
6	Carbon Footprint	Assessment by Global Lab - One of the lowest in the world.
7	Modernized Lab	For quality control and process control.
8	Higgs Index	Working on third-party assesses Higgs Index to prove sustainability drive.
9	BCI	Better cotton initiative
10	Woolmark	Assured wool quality
11	GOTS	Global organic textile standard for organic fibres

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