

Astra Stella LLC

GREEN TACK CLOTH

Introducing the most
environmentally friendly tack cloth
to ever exist on earth.



High efficiency cleansing

PRECISION

- Environmentally friendly mucilage
- Patented technical production to support ESG low carbon trend
- Various densities of soft, downy cloth materials of choice
- Extensive customized viscosity control for application
- Non-degumming, non-transferable cleansing method; without fiber loss, nor flakes while in use
- Precision cleansing to remove particles, and static dusts on surfaces

We strive for perfection. Tack cloth by Astra Stella LLC is providing the latest innovative technology to support clients, from ground vehicles to aircraft, from cleanrooms to outer space, any process that requires precision cleansing of surface.

The R & D team in Taiwan is thriving and improving work environments as our continuous production and growth of our clients. Our water dissolvable mucilage textiles are made with patented technical machineries, through processes specifically designed for ESG (Environmental, Social and Governance factors) low carbon trends.

We are not only offering various textiles for softness options catering to our clients' demands, but also giving clients opportunities to customize the product for different applications of the tack cloths. Our specialized tactile and mucilages combination presents a non-degumming, non-transferable cleansing product; there will be no fiber loss nor flakes while precision cleansing with our special tack cloth.

Providing our clients precision cleansing to remove particles, static dusts on all types of surfaces is the ultimate goal of our tack cloths. All options are available for B2B business model. From ODM, OEM, to retail stores; your orders are our commands.



Application

Tack Cloth by Astra Stella LLC can be widely used in various industries, such as:

1. **Aviation** - Aircraft paint jobs, precision instruments, and equipment static dust removal.
2. **Automobile** - Pre-painting, instrument, and equipment static dust removal.
3. **Vessels** - Pre-painting, instrument, and equipment static dust removal.
4. **Semiconductor** - Cleanroom static dust removal, wafer static dust removal.
5. **Architecture remodeling** - General pre-painting processes.
6. **General cleansing** - Glass cleansing, general dust removal.

Even though our primary focus is on aircraft paint jobs, we can customize our product according to the cleansing needs of our clients.

Product Comparison - Tack Cloth

Productions & Products	General Products	Branded Products	Astra Stella LLC
Production Line	Traditional method Half-automation	Half-automation	Full Automation with patented technology
Textiles	Cotton or Polyester	Cotton or Polyester	Customized Options of different fiber length
Solvent	Chemical / Resin Immersion	Chemical / Resin Immersion	Patented Resin Agent Spray-On
Environmentally Friendly	Chemical / Oil Base Insoluble by water	Chemical / Oil Base Insoluble by water	Water Base Water soluble
Result	Glue residue Uneven surfaces Chemical ordor	Glue residue Uneven surfaces Chemical ordor	Zero residue Even surfaces Zero scent
Market Price 18" x 36"	3 - 5 USD	3 - 5 USD	2 - 3 USD

Certification

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Units</u>	<u>Analysis</u> <u>Date</u>	<u>Analyst</u>	<u>Limit</u>
Cloth Integrity	AMS 3819C	Pass			11/11/2022	RAR	Pass
DS-108 Extractables	AMS 3819C	0.36	0.01	%	11/7/2022	KAC	0.75
Fiber/ Binder Integrity	AMS 3819C	Pass			11/11/2022	RAR	Pass
Hexane Extractables	AMS 3819C	0.06	0.01	%	11/7/2022	KAC	0.75
Linting	AMS 3819C	4.40	0.01	mg/ft ²	11/11/2022	RAR	10
Methyl Ethyl Ketone Extractable	AMS 3819C	0.28	0.01	%	11/10/2022	KAC	0.75
pH of Textiles	AMS 3819C	9.14	0.01		11/7/2022	KAC	6.0 - 7.5
Silicon Greases and Oils	AMS 3819C	ND	0.01	%	11/15/2022	RAR	0.01
Water Absorption	AMS 3819C	314	1	%	11/11/2022	KAC	400
Water Extractables	AMS 3819C	0.15	0.01	%	11/7/2022	KAC	0.75
Weight	AMS 3819C	3.57	0.01	oz/y ²	11/11/2022	KAC	±10%

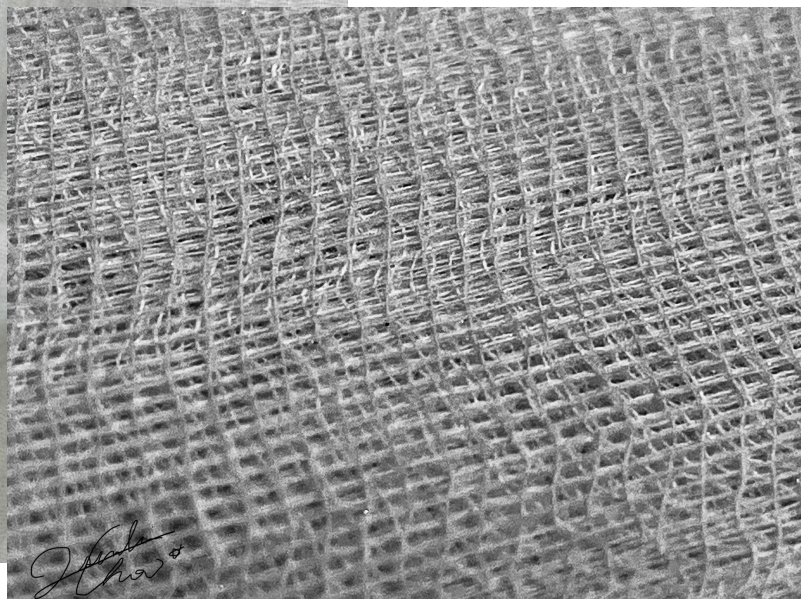
The sample was analyzed according to AMS 3819C

Astra Stella LLC has conducted both AMS 3819C, RoHS2011/65/EU, AFIRM RSL 2019 and non-toxic product reports on the tack cloth we offer to our clients. We can provide all the necessary reports tailored to the specific requirements of our clients' businesses worldwide.

Whether it's SGS, CE, or RoHS, we are committed to arranging any requested tests upon product delivery.

Furthermore, we offer flexibility in delivery and payment methods to cater to our clients' preferences.

Our options range from working with forwarders and escrows to employing third-party trusts or involving attorneys as witnesses. These flexible solutions are designed to safeguard the best interests of our clients.



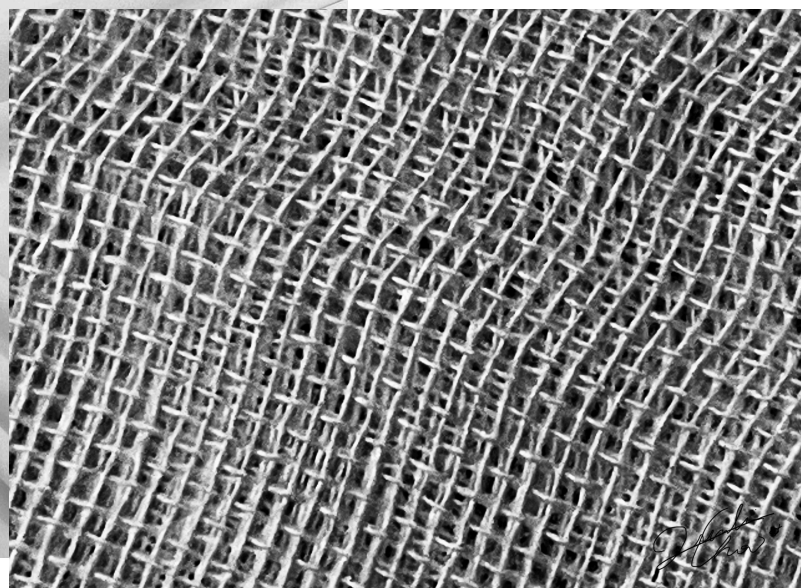
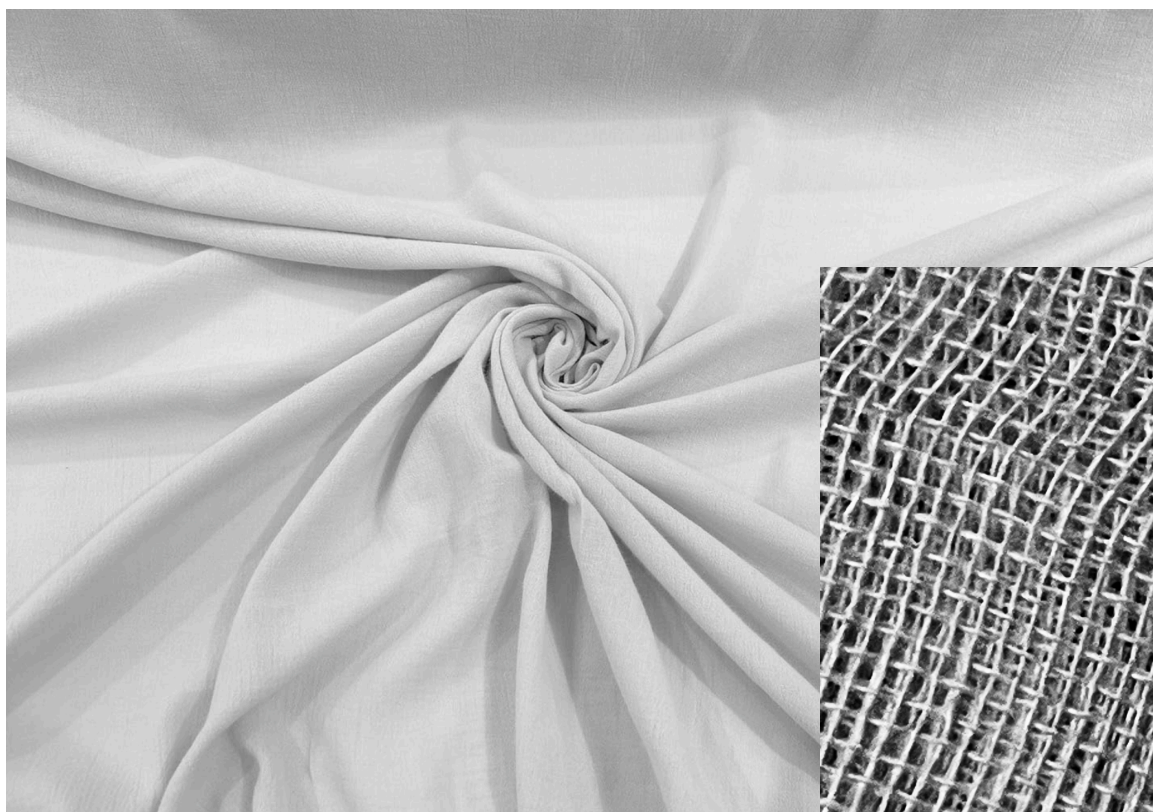
Cotton Gauze

Extra soft, 100% cotton fabric, lightweight, breathable, slightly crinkled texture.

Tack cloth is flattened after mucilage process and folded into plastic package.

Size: 9x9cm, 18x36cm

*Available for custom orders



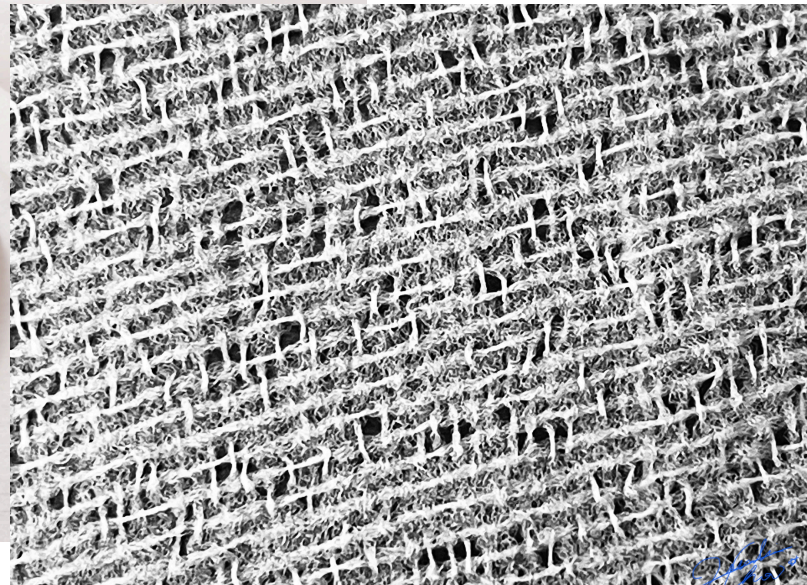
Polyester Gauze

Super soft, 100% polyester fabric. Translucent and precision woven. Lightweight, breathable, smooth texture.

Tack cloth is flattened after mucilage process and folded into plastic package.

Size: 9x9cm, 18x36cm

*Available for custom orders

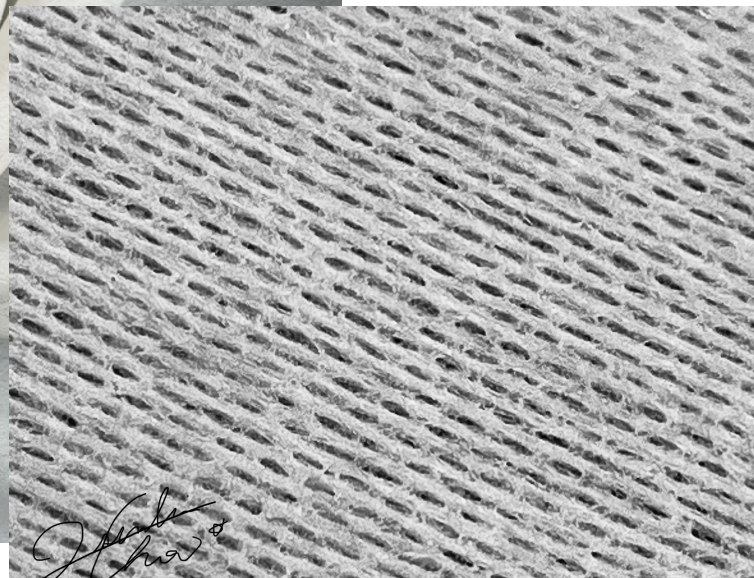


Polyester Open Filament

Downy, cotton-like fabric, 100% polyester. Translucent and cotton-like. Lightweight, breathable, soft texture.

Size: 9x9cm, 18x36cm

*Available for custom orders

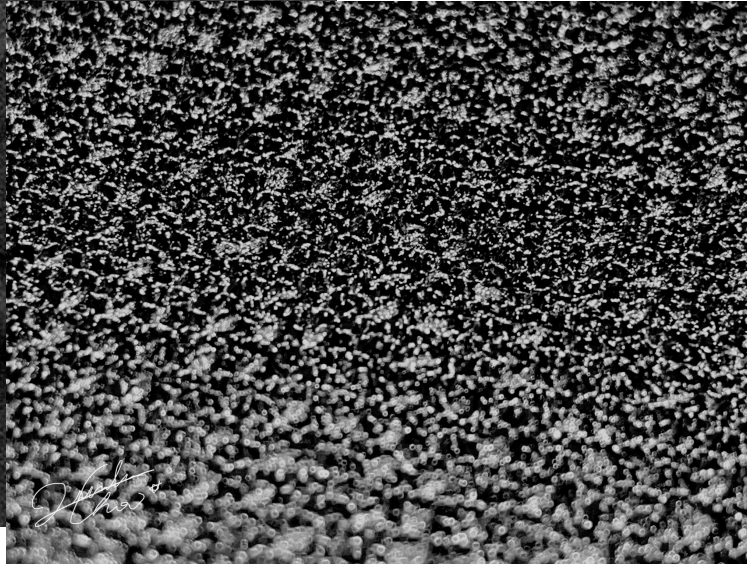


Nano Polyester Cloth

Downy, extra-soft fabric, 100% polyester. Semi-translucent and dense. Lightweight, breathable, texture.

Size: 9x9cm, 18x36cm

*Available for custom orders



Polyester Knit

Soft, dark colored fabric, 100% polyester fiber. Opec, dense with very gentle elastic. Lightweight, breathable, plastic-like texture.

Size: 9x9cm, 18x36cm

*Available for custom orders

ASTRA STELLA LLC

We are here for you. Questions, comments, concerns are all welcome. Please don't hesitate to let us know!

Please visit our website: www.astrastella.net

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*Product Patent Pending

