



OJSC "SvetlogorskKhimvolokno"



### Commercial offer

OJSC "SvetlogorskKhimvolokno" is one of the largest diversified enterprises of petrochemical complex of the Republic of Belarus.

The company has extensive business and trade relations in CIS and far-abroad countries. The geography of export covers more than 40 countries. OJSC "SvetlogorskKhimvolokno" is interested in further development of external commercial relations with business entities from foreign countries.

OJSC "SvetlogorskKhimvolokno" offers the following range of products: polyester textile yarns, nonwoven polypropylene materials, heat-resistant materials "Arselon" and carbon fibers.

Quality management system of manufacture of nonwoven materials is certificated on conformity to the international standard ISO 9001: 2009 and to the standard of management by ecological activity of the enterprise STB ISO 14001:2005. OJSC "SvetlogorskKhimvolokno" has also received international ecological certificate on conformity with Oeko-Tex Standard 100. This certificate applies to textiles, fibers and yarns which are used in the manufacture of textiles, nonwovens and confirms the ecological safety of the products.

**Polyester textile yarns.** Polyester textile yarns are produced in a wide range of linear densities: 84-167\*2 dtex. We can offer the following assortment of the yarns: complex flat and textured, air-entangled, raw white and dyed, fancy blended yarns, microfilament yarns, ATY, QuickDry yarns, flame-retardant and antibacterial yarns.



Commodity code	Product Description	Application
5402330000	textured polyester textile yarns (DTY, ATY): semi-dull, dyed (dope-dyed or superficially dyed, optical white), untwisted, twisted, intermingled, multifilament, microfilament yarns, flame-retardant, antibacterial yarns	Intended for use in textile industry for production of various issues and knitted fabrics, curtains, laces and hosiery items, gloves, carpets, basis for faux fur, leather,
5402470000	polyester textile complex untwisted and air-	

	entangled yarns including FDY and high shrinkage yarns, with circular cross section and shaped, undyed and dope-dyed, non-flammable	linoleum, upholstery materials for automotive industry, ropes, ribbons and cords. Undyed yarns are also intended for manufacture of packaging material used in the food industry if temperature of exploitation does not exceed 100 ° C.
--	---	---

The cost of polyester textile yarns is within the range of 2.0 – 5,40 € / kg depending on the assortment.

**Non-woven materials.** Nonwovens are manufactured by extrusion of continuous polypropylene fibers followed by thermal bonding on calender (SpunBel) or bonding with water at hydro bonding machine (AquaSpun). "SpunBel" materials are produced in a following range of surface density: from 10 g/m<sup>2</sup> to 150 g/m<sup>2</sup> and with maximum roll width of 3200 mm and 4200 mm. "AquaSpun" materials are produced in a following range of surface density: from 30g/m<sup>2</sup> to 250g/m<sup>2</sup> and with maximum roll width - 3200 mm. The material is produced dyed and undyed, with UV stabilizer, with an antistatic, hydrophilic, hydrophobic additives and without them. In order to give additional properties a laminating coating of polypropylene or polyethylene can be applied on the materials.

**Building membrane “BUDAR”** Building membrane is a modern material, which is a combination of nonwoven material with a "breathable" film. Its main function is wind/moisture protection of the roof and wall space of insulated/uninsulated buildings; removal of excess steam from the structures; protection of the insulation from wind and moisture. Building membrane has the following characteristics: ·

- long service life; ·
- windproof; ·
- circulation: the membrane freely passes water vapor inside the building ("breathing") and thus contribute to the preservation of a favorable microclimate in the premises; ·
- waterproofness; · it is easy to install; ·
- thickness and tensile strength; ·
- ecological safety

The range of building membranes manufactured by OJS «SvetlogorsKhimvolokno» is represented by the following types: ·

- Building membrane BUDAR of premium class; ·
- Polymer vapor permeable membrane of economy class.

**Breathable membrane** The company has the production line of breathable membrane by hot-melt with flexo-printing. Laminated material (breathable membrane) - a surface consisting of two layers connected by adhesive method. The upper layer (nonwoven) can be:

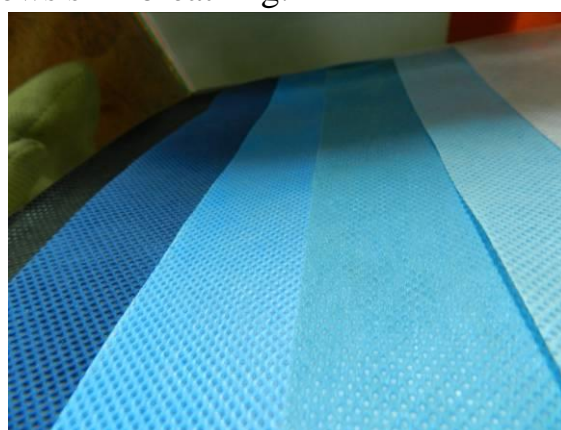
- Hydrobonded AquaSpun («SpunBond - Spunlace» technology) (flat, mesh, embossing with honey comb) 20-30 gsm
- Thermobonded SpunBel 10-15 gsm

The lower layer (breathable, nonbreathable) is polyolefin film 10-40 gsm

Bonding: Adhesive odorless (1 g)

Possibility of patterning up to 4 colours (flexoprinting method). Water-based pigments.

Hygiene material SpunBel HG is a breathable material consisting of two layers connected by odorless adhesive. Breathable laminates are widely used in the healthcare industry as a backsheet layer for the production of children and adult diapers, feminine hygiene products. Modern technology allows creation of a microporous protective layer that keeps moisture inside the diaper and allows skin breathing.



Commodity code	Product Description	Application
5603119000	nonwovens SpunBel, AquaSpun with surface density no more than 25 g / m <sup>2</sup>	Applied in the following areas: Hygiene and Medicine - Wet and dry wiping cloths, towels, napkins for applying of face masks; upper distribution layers in hygiene products for women and baby
5603129000	nonwovens Meltblown, SpunBel, AquaSpun with surface density more than 25 g / m <sup>2</sup> , but less than 70 g / m <sup>2</sup>	diapers, panties, and as a basis for lamination with different kinds of films for the back sheet layer; disposable clothing ( hats, slippers, shoes, shirts, pants, jackets, gowns, face masks, overalls), disposable linens (sheets, pillowcases, diapers, etc.)
5603139000	nonwovens Meltblown, SpunBel, AquaSpun with surface density more than 70 g / m <sup>2</sup> but less than 150 g / m <sup>2</sup>	<p>Production of building materials:</p> <ul style="list-style-type: none"> <li>- As wind-damp-proofing of bearing constructions, as a heat-insulation material in insulated and non-insulated roofs and facades; in the production of waterproofing films as anti-condensate layer; as a cushioning material at floor laying</li> </ul> <p>Furniture trade:</p> <ul style="list-style-type: none"> <li>- Cladding of surfaces not covered with decorative cloth, protecting insulation, sheathing of lower and rear walls of mattresses, manufacturing of covers, packaging of independent springs, reinforcement of seams, as a separating layer between upholstery fabric and stuffing and shaping material.</li> </ul> <p>Textile and garment industry:</p> <ul style="list-style-type: none"> <li>- Disposable special and industrial clothing, as packing material for the manufacture of decorative products, footwear, etc.</li> </ul> <p>Packing:</p> <ul style="list-style-type: none"> <li>- As moisture infiltrating layer in containers for frozen food (meat, vegetable, fruit, etc.)</li> <li>- Packaging of any product of all industries, including food.</li> </ul> <p>Automotive:</p> <ul style="list-style-type: none"> <li>- At manufacture of upholstery fabrics for</li> </ul>

		<p>automotive interiors, protective covers for cars.</p> <p>Filtering:</p> <ul style="list-style-type: none"> <li>-Filters and filtration systems used in liquid and dry environments, including for filtering food liquids.</li> </ul> <p>Agriculture:</p> <ul style="list-style-type: none"> <li>- As a covering material to protect plants from unfavorable weather conditions and pests;</li> <li>- Mulch material for soil</li> </ul> <p>Geotextile:</p> <ul style="list-style-type: none"> <li>- In road construction (filter layer, reinforcement of slopes), drainage systems, as a reinforcing layer, as a protective layer when laying geogrids and geomembranes, during the landscape works: laying paving slabs, creation of lawns, beaches, landscapes, etc.</li> </ul>
5603121000	nonwovens SpunBel, AquaSpun with surface density more than 25 g / m <sup>2</sup> , but less than 70 g / m <sup>2</sup> , laminated	Intended for use in road, drainage and erosion control structures, for manufacturing of protective shelters, covers, shipping containers, packaging for consumer goods, for manufacturing of disposable apparel products used in medicine (napkins, aprons, etc.)
5603131000	nonwovens SpunBel, AquaSpun with surface density more than 70 g / m <sup>2</sup> but less than 150 g / m <sup>2</sup> , laminated	
5603141009	nonwovens SpunBel, AquaSpun with surface density more than 150 g / m <sup>2</sup> , laminated	

The nonwoven material is wound on paper tubes and packed in plastic or stretch film. The cost of "SpunBel" material (on FCA Svetlogorsk, Belarus) varies in the range of 2,5 – 8,0 € / kg .

**Heat-resistant fabrics "Arselon".** Arselon is poly-oxa-diazole (POD) fiber, possesses specific features for high temperature application. Arselon withstands 250 °C temperature for long-term using. Oxygen index is 30% minimum.

Arselon range include: filament yarn, staple fiber, technical fabric, spun fabric, nonwoven felt, milled fiber.



Commodity code	Product Description	Application
5402 49 000 0 5402 59 900 0 5402 69 900 0 5401 10 180 0	Arselon filament yarn 100 tex	automotive hose reinforcement industrial sealings composites  sewing thread
5503 90 900 0	Arselon staple fiber 0.17 tex/ cut length 36 or 51 mm	protective apparel for fireman, welders
	0.33 tex/ cut length 66 mm	bag filters for hot gas filtration
5407 91 000 0	Arselon technical cloth areal weight 470 g/ sqm, width 76 cm, 91 cm, 95 cm	shield thermal lining for protective apparel heat resistant gloves
5503 90 900 0	Arselon Nonwoven felt areal weight 500 g/ sqm, width 100 cm	bag filters for hot gas filtration in cement and metallurgy industries
5503 90 900 0	Arselon Milled fiber length up to 2 mm	composites based on phenolic/ epoxy resins

The cost of staple fiber varies in the range of 25€ - 80 € / kg,

**Carbon fiber materials rayon based.** Carbon fiber is treated with 2200 °C and withstands 3600 °C in vacuum. Rayon carbon fiber is being used in many special applications related with fiber unique properties. Commodity code 6815 10 900 9. Basically there are 7 main features.



Property	Application
Heat resistance and low heat conduction.	Carbon-carbon composites for vacuum furnaces Graphite felt for thermal insulation
Stable mechanical properties from low to very high temperature range	Sliding bearings, carbon-carbon composites Reinforcing polyamide and PTFE
High sorption capacity	Water and air filters Wound care dressings NBC/ CBRN suits Super-capacitors
Electrical conductivity	Home and industrial heaters Infrared quartz heaters Heating floor and wallpaper
Biocompatibility	Wound care dressings Carbon-carbon prosthetic devices

Chemical resistance	Vessel lining Pipeline protection
Electromagnetic interference shielding	EMI-shielding panels Protective gloves for high-voltage works

Carbon fiber materials rayon varies in the range of 90€ - 350 € / kg.

**Polypropylene products.** Polypropylene products of OJSC “SvetlogorskKhimvolokno” are produced on the basis of thin-film yarns and they are available in a wide range.



Commodity code	Product Description	Application
5404 90 190 0	Polypropylene yarn 110 tex.	The yarn is widely used in carpet production also in production of fabric, twine, and for other technical purposes.
5607 41 000 0	Polypropylene Twine	The twine is used as a binding and dressing material for various purposes
5407 20 110 0	Polypropylene fabric (non laminated)	Fabric is made of thin-film yarns, plain weave, it can be coloured and uncoloured, laminated and non-laminated, as fabric and sleeve. It is used as packing material in the production of bags, container such as “Bib-Bag”, covers, canvas covers, as waterproofing in the construction, for furniture production and haberdashery, agriculture fabric.
5903 90 990 0	Polypropylene fabric (laminated)	
6305 33 910 1	Packing bags	Are used for transportation and storing of dry goods sold by the piece with the mass (weight) to 50 kg.
6305 32 810 0	Rail bags	Rail bags are used for unpackaged transportation of technical sulphur, quicklime, ammoniac saltpeter, silicate sodium, nitric phosphatic fertilizers and other loose and bulk cargo. Use of rail bags increases safety of explosive cargo transportation, protects from external influences, ensures the absence of spillages
6305 32 890 0	Soft containers of “Big-Bag”	Are used for the single content

	type	storage and transportation of bulk goods with the humidity of no more than 15% and of dangerous goods
--	------	---



In case of interest we shall kindly provide you with more information about our products, their features, applications, and prices.

All products are sold on a pre-paid basis, the delivery of goods transport by the buyer, or transport companies at the buyer's expense. **We may provide discounts for a large volume of products!**

More information about our products, as well as its technical specifications you can get on our website [www.sohim.by](http://www.sohim.by), [www.arselon.by](http://www.arselon.by)

### **Contact information:**

OJSC “SvetlogorskKhimvolokno”, the Republic of Belarus,  
Gomel region, Svetlogorsk, Zavodskaya street, 5.

Phone/fax +375234270077/28800; [www.sohim.by](http://www.sohim.by), [sohim@sohim.by](mailto:sohim@sohim.by)

#### ***Polyester textile yarns:***

phone +375 2342 37777 – ext. 520, 550.

Head of department – Galina Makhovikova ([polyester@sohim.by](mailto:polyester@sohim.by)).

#### ***Nonwoven materials:***

phone +375234237777 – ext. 509, 522, 524.

Head of department – Anastasia Boyko ([a.boyko@sohim.by](mailto:a.boyko@sohim.by)).

#### ***Special fibers (Carbon Fibers, Arselon):***

phone +375234237777 - ext. 504, 505, 533.

Head of division – Svetlana Motuz ([carbon@sohim.by](mailto:carbon@sohim.by)).

#### ***Polypropylene products:***

phone +375 2342 37777 - ext. 503.

Head of department – Irina Kriskovets ([i.kriskovets@sohim.by](mailto:i.kriskovets@sohim.by)).