



# VITROSTRAND

## Milled Fibers

### PRODUCT DESCRIPTION

VITROSTRAND milled fibres is made from Advantex® glass. It has been engineered as reinforcement for foamed polyurethane, thermoplastics and thermosets and may be used under all normal conditions.

The Advantex® glass combines the excellent mechanical and electrical properties of traditional E-Glass and is the most environmentally friendly E-Glass with lower environmental footprint (boron-free and fluorine-free glass).

### PRODUCT APPLICATION

It is used to reinforce thermoplastics and thermosetting resins, for painting applications and for reinforcing repair putties.

### PRODUCT REFERENCE

Example : VS 1304  
VS : VITROSTRAND  
1304 : OCV™ Reinforcements



### ADVANTAGES AND BENEFITS

- Excellent dispersion
- Excellent mechanical properties
- Excellent surface appearance

### TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

PRODUCT NAME	NOMINAL FIBER DIAMETER (µm)	AVERAGE FIBER LENGTH (µm)	MOISTURE CONTENT (% w/w)	BULK DENSITY (g/cm³)	PRODUCT APPEARANCE	PRODUCT USE IN BRIEF
VS 1304	16	80	=< 0.08	Approx. 1.20	Powdery	Thermoplastic and Thermoset (Polyester, Epoxy, Phenolic) compounds. Painting applications.
VS 1320 K	16	160	=< 0.08	Approx. 0.65	Lumpy Powder	Thermoplastic and Thermoset (Polyester, Epoxy, Phenolic) compounds. Reinforcing repair putties.

K = lubricant in the formulation

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### PACKAGING

Examples of collective packaging:

PRODUCT NAME	BAG NET WEIGHT (kg)	NUMBER OF BAGS PER PALLET	PALLET DIMENSIONS L X W X H (mm)	PALLET NET WEIGHT* (kg)
VS 1304	25	20	1150 x 850 x 1000	500
VS 1320 K	25	20	1150 x 850 x 1000	500

\* Add 30 kg to obtain the approximate gross weight.

Upon customer's request, Vitrostrand Milled Fibers may be packed in Big-Bags as follows but, in this case, product compacting, especially on the bottom of Big-Bags, could occur giving blocks formation (no or poor product flowability):

PRODUCT NAME	BIG-BAG NET WEIGHT (kg)	NUMBER OF BIG-BAGS PER PALLET	PALLET DIMENSIONS L X W X H (mm)	PALLET NET WEIGHT* (kg)
VS 1304	1000	1	1100 x 1100 x 1300	1000
VS 1320 K	1000	1	1100 x 1100 x 1300	1000

\* Add 25 kg to obtain the approximate gross weight.

### STORAGE

When stacking two high, care should be taken to correctly and smoothly place the top pallet.

Stacking of material is solely the responsibility of the User.

Vitrostrand Milled Fibers must be stored away from heat and moisture, in their original packaging.

The best conditions are a temperature between 15 and 35°C and a relative humidity between 35 and 85%.

If the product is stored at low temperature (below 15°C) it is advisable to condition it in the workshop, for at least 24 hours before use, to prevent condensation.

The product can be stacked one plus one but it is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

### MODIFICATIONS

This specification may be subject to change and a check should be made to ensure that the information is still current.

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## OCV™ Reinforcements

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