

Ahlstrom

FibRoc[®] Flooring

Solutions for Cushion Vinyl Floorings

Ahlstrom is a leading, global manufacturer of high performance fiber-based solutions, supplying products to the flooring industry for over 40 years.

Cushion vinyl floorings for residential use need to be durable, hygienic and comfortable as well as deliver acoustical and thermal properties.

Our proprietary foam forming manufacturing technology, experienced personnel, plus our reliable and extensive product range guarantee production of high quality floorings.

Ahlstrom FibRoc[®] Flooring product range for cushion vinyl floorings includes nonwovens made of 100% glass, delivering strength and stability, glass/cellulose providing good smoothness and low permeability as well as glass/polyester enabling flexible and resilient floorings.

Benefits

- ✓ **Exceptional dimensional stability and strength** – delivering stability and strength for final flooring product
- ✓ **Controlled rigidity, permeability and thickness** – enabling optimized flooring manufacture
- ✓ **Excellent compatibility with plastisol** – delivering smooth surface for enhanced gravure printability
- ✓ **Extensive and sustainable product range** – offering formaldehyde free and biodegradable binder solutions
- ✓ **Versatile manufacturing technology** – enabling flexible development and customized solutions for customers
- ✓ **Security of supply** – several qualified manufacturing platforms

Ahlstrom glass nonwoven product range

Ahlstrom FibRoc® Flooring range for cushion vinyl floorings includes nonwovens made of 100% glass, and tailor-made binder formulations, delivering optimal strength and stability.

Typical product references:

Grade	Description	Basis weight g/m ²	Thickness mm	Air permeability l/m ² s
AW-933G033-30	Glass nonwoven with surface binder G = 10 micron glass fiber	30	0.26	6300
GFT-93GD10-32	Glass nonwoven GD = 6 and 10 micron glass fiber blend	32	0.27	6000
GFT-93G10-35	Glass nonwoven G = 10 micron glass fiber	35	0.31	6200

Widths up to 4200mm, Standard core inner diameter: 152mm, Standard roll outer diameter: 1200mm

Ahlstrom glass/cellulose nonwoven product range

Ahlstrom nonwovens contain glass and cellulose fibers and tailor-made binder formulations. **Our unique glass/cellulose nonwovens provide good smoothness and low permeability.** This product range is also an excellent solution to replace mineral felt in flooring applications. Available in basis weights from 30 to 130g/m².

Typical product references:

Grade	Description	Basis weight g/m ²	Thickness mm	Air permeability l/m ² s
GPFT-77G10C95-35	Glass/cellulose nonwoven G = 10 micron glass fiber	35	0.35	4950
AWP-93G043C7-60	Glass/cellulose nonwoven with surface binder G = 10 micron glass fiber	60	0.45	1750
NGP-93G2P15C7-60	Glass/cellulose nonwoven with pigment coating G = 10 micron glass fiber	60	0.43	2100

Widths up to 4200mm, Standard core inner diameter: 152mm, Standard roll outer diameter: 1200mm

Ahlstrom glass/polyester nonwoven product range

Ahlstrom nonwovens contain glass and polyester fibers and tailor-made binder formulations. **This solution enables flexible and resilient floorings.** Available in basis weights from 30 to 120g/m².

Typical product references:

Grade	Description	Basis weight g/m ²	Thickness mm	Air permeability l/m ² s
GEFT-933G10A-35	Glass/polyester nonwoven G = 10 micron glass fiber	35	0.32	5500
AWE-933G032-37	Glass/polyester nonwoven with surface binder G = 10 micron glass fiber	37	0.33	5400

Widths up to 4200mm, Standard core inner diameter: 152mm, Standard roll outer diameter: 1200mm

Ahlstrom manufacturing platforms:

Karhula, Finland | Madisonville, USA

Our manufacturing units are certified by SGS having ISO9001, ISO14001, ISO18001.

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