



Felt is manufactured by Autex Industries Ltd under ISO 9001 certified Quality Management system. This product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all the performance properties stated within this guarantee.

Specification

Product Name	Felt
Description	100% polyester needle punched, thermally bonded wallcovering
	Metric
Roll Width	1.3m x 50m
Thickness	2-3mm
Tolerance	(+5mm) x (+10mm)
Weight	300gsm

Service

For further information about Felt or any other Autex product, please contact your Autex Account Manager or visit our website.

Care and Maintenance

Maintain in accordance with the Care and Maintenance Guide available for this product.

Product Specifications

Fire Ratings

Felt has been evaluated using the following test methods

ISO 9705:1993

Classification: Group 1-S
Smoke Production Rate:
<5.0m²/s
As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1
(SMOGRARC): <100m²/s²
Assessed using methodology
AS ISO 9705 - 2003 in accordance with AS
5637:2015, as required by BCA Specification
C110-4 FAR 4055

VOC Emissions

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered as a low VOC product.
VOC concentration:
0.009 mg/m³ (7 days)

Water Vapour Sorption

ASTM C1104 / C1104M-13a
Test conditions: 49°C,
95% RH Water vapour absorbed and adsorped after 4 days: 0.4% by weight.

Microbial Resistance

ASTM G21-15
Growth Rating: 0 (No growth)
Felt does not promote the growth of moulds and mildew.

Colour Fastness To Light

Felt is suitable for indoor use only. Light fastness is dependent on use and exposure. Felt has been evaluated to the following standard:
ISO 105-B02:2014
Rating: 6 (Highest = 7)

Colour Fastness To Rubbing

ISO 105-X12:2016
Dry Rating: 4-5 (Highest = 5)
Wet Rating: 4-5 (Highest = 5)

Abrasion Resistance

Martindale Method (ISO 12947-1:1998, AS 2001.2.25.1:2006, TWC/WNZ TM 112)
Result: No breakdown, no colour change (Grey Scale 3), no change in appearance after 40,000 cycles. Felt achieves a BS 2543:2004 fabric classification of 'Severe Contract' which is considered suitable for heavy commercial use.

Pattern Repeat

Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up which is an inherent feature of this product.

Fabric Care

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution.

Custom printed Felt requires the services of a specialist cleaning company. Refer to the Felt Cleaning and Maintenance Guide for more information.



Environmental

Autex is committed to best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Autex Felt contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

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