



EUROPEAN
SEALING
TECHNOLOGY

Seals for industry

WOOL FELT

WHITE - D. 400 g/dm³

Technical data sheet

WOOL FELT

Industrial sheet material

European Sealing Technology - Industrial sealing solutions

5 rue Luss Arendt | L-8389 Grass | Luxembourg +352 26 84 56 76 info@est-seals.eu est-seals.eu



Wool Felt White D. 400 gr/dm³

The felts are available in different thickness' (1,2, 3, 4, 5, 6, 8, 10, 12, 15, 18, 20, 25, 30, ... 50 mm) and also in different densities (180, 200, 250, 350, 400, 440, 520, 600, 700, 800 gr / dm³).

EST can assure you all size-cutting works, taking into account all your technical requirements.

Wool felt is a natural product that has proven his efficiency in a lot of industrial applications.

1. **COMPOSITION** : 55 to 100 % wool (according to application)

2. **FYSICAL AND CHEMICAL PROPERTIES** :

Colour White

Density in g/cm³ 0,4

Hardness following DIN 61200 F4

Width in mm max 1400

Thickness Tolerance in mm

Thickness	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
From	0,8	1,8	2,7	3,7	4,6	5,5	6,5	7,5	8,5	9,5	10,4	11,4	12,3	13,3	14,3	15,2	16,1	17,0	17,9	18,8
To	1,2	2,2	3,3	4,3	5,4	6,5	7,5	8,5	9,5	10,5	11,6	12,6	13,7	14,7	15,7	16,8	17,9	19,0	20,1	21,2

Compressibility in %

Thickness	1	2	3	4	5	6 - 7	8	9 - 10	11 - 12	13 - 14	15	16 - 17	18	19 - 20
Min	12	10	7	5	4	4	3	3	2	2	1	1	0	0
Max	16	14	11	9	9	8	8	7	7	6	6	5	5	4

Air Permeability in l / min x dm²

Thickness	1	2	3	4	5	6	7	8	9	10	11 - 20
Min	80	40	26	20	16	13	11	10	9	8	NA
Max	120	60	40	30	24	20	17	15	13	12	NA



<i>Tensile Strength in kp / cm²</i>	<i>Length</i>	<i>min. 55</i>
	<i>Cross</i>	<i>min. 48</i>
<i>Elongation at Break in %</i>	<i>Length</i>	<i>min. 61</i>
	<i>Cross</i>	<i>min. 53</i>
<i>Split Resistance in kp / 5 cm</i>		<i>min. 18,0</i>
<i>Abrasion Resistance</i>		<i>excellent</i>
<i>Friction in g / 50 cm²</i>		<i>max. 0,4</i>
<i>Acid-Value (pH)</i>		<i>4 - 8</i>
<i>Alkali Resistance</i>	<i>Dilute</i>	<i>fair</i>
	<i>Concentrated</i>	<i>low</i>
<i>Dichlormethanextract (Residu) in %</i>		<i>max. 1,5</i>
<i>Oil Absorption in %</i>	<i>Min.</i>	<i>110</i>
	<i>Max.</i>	<i>210</i>
<i>Heat-Resistance in the Air or in Oil in °C</i>	<i>Peak (two hours)</i>	<i>min. 120</i>
	<i>Continue (eight days)</i>	<i>min. 80</i>