



Key properties of So Absorbent

Dtex / Fibre length 5.6 dtex x 51 mm 2.9 dtex x 38mm

Water absorbency

Pure Water (distilled)	150ml / g	120ml / g
0.9% NaCl solution	50ml / g	40ml / g

Water retention under weight

1% NaCl solution	20ml / g	15ml / g
Moisture content (when shipped)	7% or below	7% or below
pH	Neutral	Neutral
Tensile strength	1.7 cN / dtex	2.1 cN / dtex
Elongation	15 - 25%	25 - 30%

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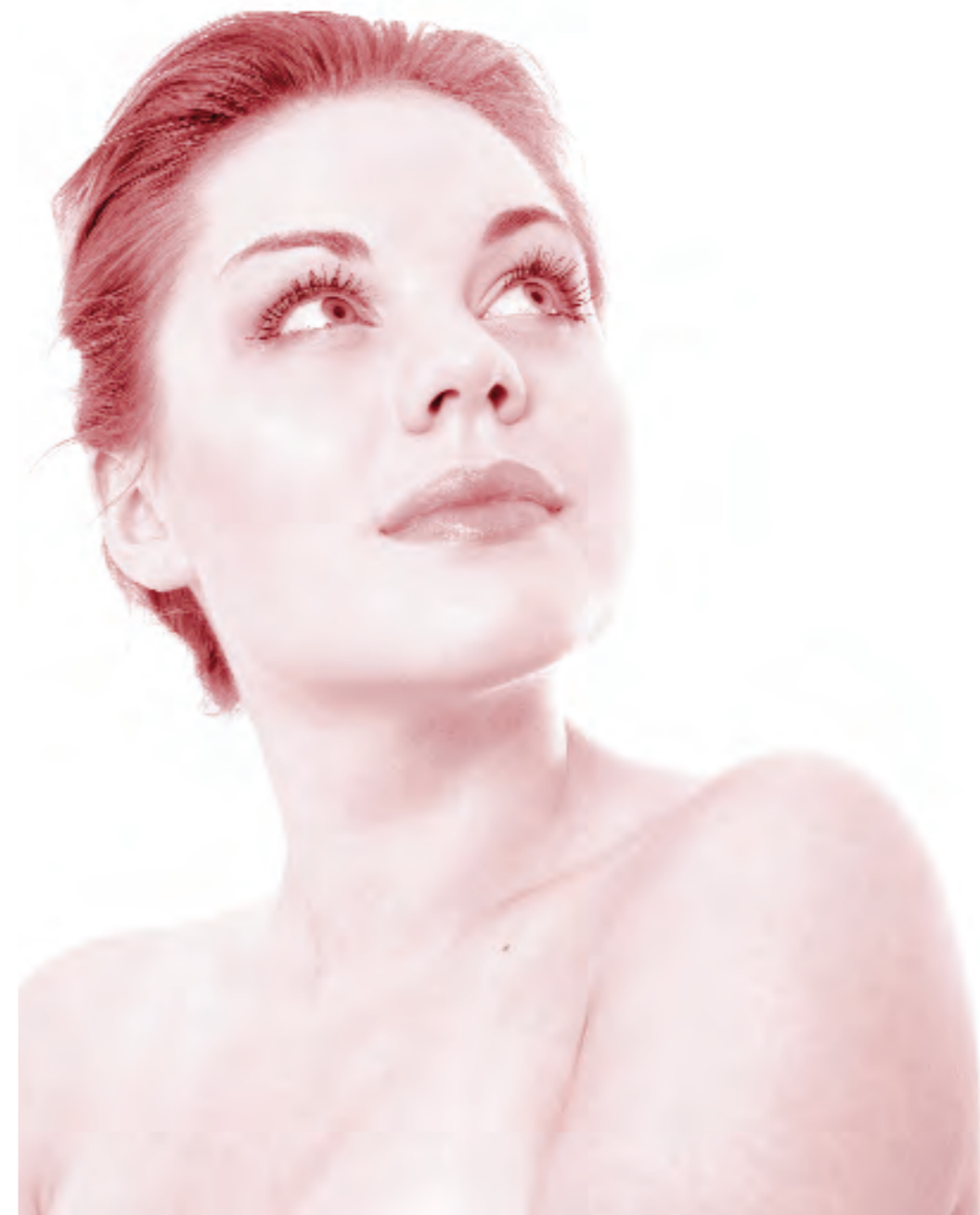
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Code S AV 1/06/07



Re-useable high absorbent fibre

SoTM Absorbent

A high performance fibre



- Extremely high capacity for water absorption and retention, even under pressure.
- Fast rate of absorbency – 70% of So Absorbent capacity is attained within 10 seconds.
- Re-useable – will return almost to its original state after drying out.
- Stable to both heat and light
- Practically insoluble in water and most organic solvents
- No requirement for toxicological care
- Easily processed on regular textile machinery
- Non woven applications
- A vast range of uses across many industries



Food Packaging

So Absorbent can be used in the packaging of raw foods like meat, fish and poultry to absorb excess liquid.

Water Removal

Can be used across a diverse range of industries where water removal or retention is required – could be used to separate and therefore eliminate water from oil and organic solvents.

Water Obstruction

As it expands, So Absorbent expands its diameter making it suitable for water blocking. Perfect for use in cables, electrical applications, construction and engineering situations.

Sanitary / hygiene applications

Perfect for use in the hygienic absorption of blood and other bodily fluids. Areas include feminine hygiene and adult incontinence products.

Horticultural applications

Can be used in water retentive textile products designed for agricultural and horticultural uses.

Agricultural

Traditional watering methods can be time consuming and costly – the hydroponic action of So Absorbent can offer a cost effective solution. So Absorbent could be used in agricultural ground sheets to absorb excess surface water, and on embankments to control run off water.

Condensation Elimination materials

When used in construction materials – can help to eliminate condensation and dampness.

