


HEYTex® *double-wall*

A photograph showing a large, grey, double-walled structure, likely a lift pad or inflatable boat bottom, supported by a white metal frame. The structure is curved and appears to be made of a woven material. The background shows a park-like setting with trees and a clear sky.

Double the benefits
Only with HEYTex®.

HEYTex® - Hollow structures. Dimensionally stable.

Is the perfect product for lift pads, inflatable boat bottoms, separating walls, etc. There is no limit for you imagination.

HEYTex® double-wall is a three-dimensionally woven structure whose two base fabrics are interlinked with numerous spacer threads. Since each spacer thread has got the same length they define the maximum distance between the two base fabrics.

That way, the spacer threads produce a dimensionally-stable connection between the base fabrics. The emerging hollow body between the base fabrics can be filled with different media like water or sand. The filling, however, guarantees the obtainment and keeping of the desired shape of the hollow body – a dimensionally stable surface.

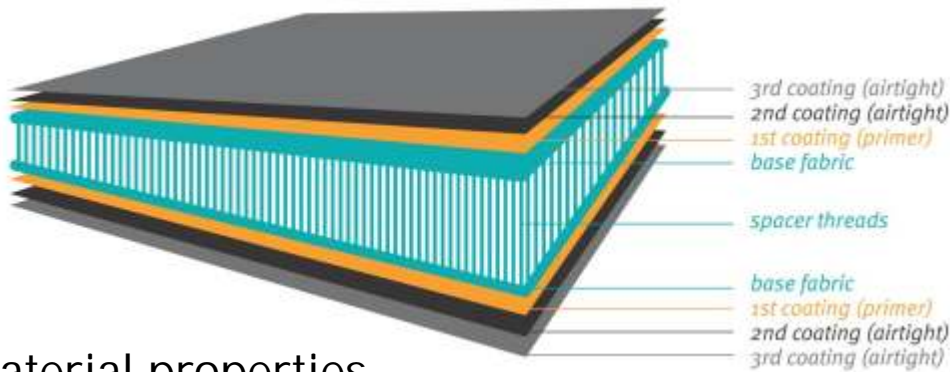
Depending on air pressure or filling quantity a bending resistant unit or a mattress with a continuously variable degree of hardness is produced.

HEYTex® double-wall fabric is normally provided with an airtight coating.

HEYTex® *double-wall* Specifications

- different high-quality coatings, i.e. PVC, TPU, Alcryn®
- additional surface lamination with a single layered, coated shafer-fabric for improved tear strength/puncture resistance available
- suitable material for side walls available
- different material properties, i.e. anti-fungal, UV-resistant, resistant to chemicals etc
- filling with air, gases, gels, liquids, granules, sand, plastics etc.
- quality standards certified according to DIN ISO on request
- HEYTex® double-wall is also available in different constructions

HEYTex[®] double-wall



Material properties

- high tensile strength
- high stiffness
- can take high pressure
- excellent stress distribution
- very good isolation function
- dimensionally stable
- extremely bending resistant
- UV- and weather resistant
- airtight
- durable

Applications

- inflatable boat floors
- body boards/surf boards
- (temporary) noise barriers
- inflatable flood protection bags
- water-filled blast protection walls
- air-filled mattresses
- inflatable movie screens
- partition walls
- ..., and many more

Available heights

- 67 mm
- 100 mm
- 200 mm
- 335 mm
- other dimensions are available on request.

About Heytex-Group

The Heytex-Group with headquarters in Germany and subsidiaries in both Germany and China ranks among the leading weavers, coaters and laminators of technical textiles. Thanks to our experienced and technically well-trained staff as well as state-of-the-art production facilities and technologies we develop coated fabrics of superb quality - for a large range of applications. Our high-quality fabrics are available with either single or multi-layer coatings of PVC, PUR, TPU, Alcryn[®] etc. and - according to requirements - as well with surface finish. HEYTex[®] coated fabrics are available in widths up to 500 cm.

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