

Ultima sleep

Orthopedic mattress JACK



Height **28 cm**



Reversible mattress



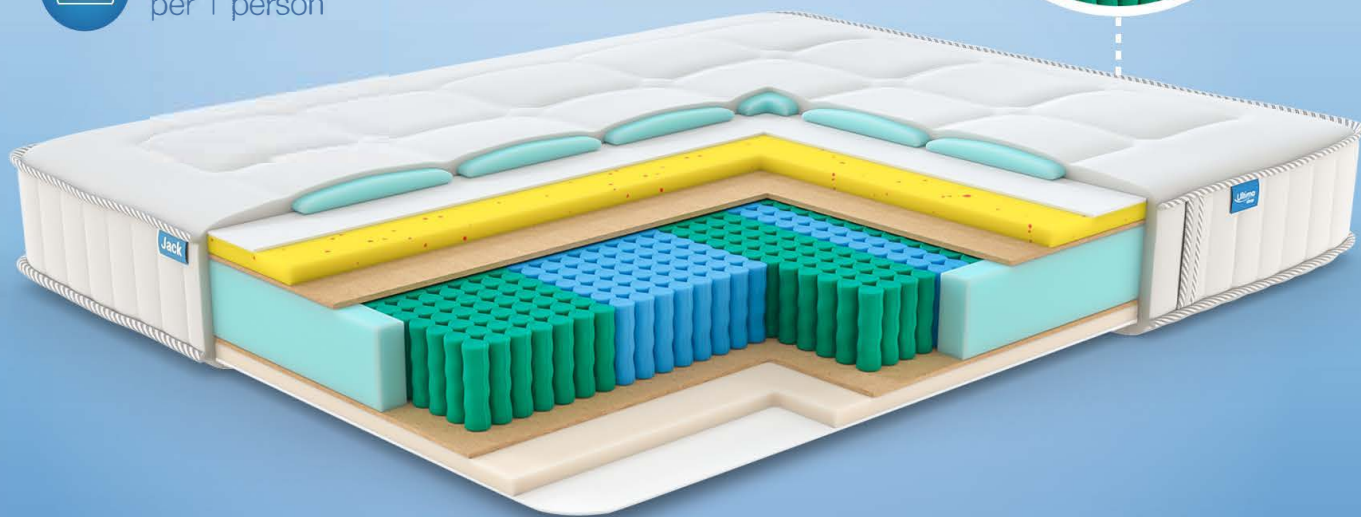
Rigidity: **MEDIUM**



2 years warranty



Max load **130 kg**
per 1 person



Stretch Jacquard fabric
with N foam



Protective layer of thermofiber



HybridPur Yogadrops foam



Air Foam Frame



High density foam HR 37



Micropocket 7 zone





HybridPUR

YOGADROPS®

Flexible as you.



TECHNICAL DATA SHEET

FOAMING PLANT BURKHARDTSDORF

Material / Material / Matériel:	Polyurethan Schaum / Polyurethane Foam / Mousse de Polyuréthane		
Qualität / Quality / Qualité:	HPe 4120	Standardfarben:	gelb
Netto Raumgewicht Net density / Net le poids d'espace	EN ISO 845	37-41	kg/m³
Druckspannungswert Pressure tension value / Valeur de tension de pression	DIN EN ISO 3386-1 CV 40 (40%) Toleranz ± 15%	2	kPa
Druckverformungsrest Rest pressure distortion / Reste la déformation de pression	DIN EN ISO 1856	≤ 3	%
Dauerschwingversuch / Härtetest (80.000 Hübe)	DIN EN ISO 3385	15,1	%
Wet Compression Set 70% Stauchung)	angelehnt an REN1637	-2,5	%

Zertifikate / Certificate / Certificat

ÖkoTex 100:	erfüllt	comply	accomplie
LGA - Schadstoffgeprüft	erfüllt	comply	accomplie
LGA-Qualitätsgeprüft	100 Punkte	100 points	100 points

Bemerkungen:

Druckverformungsrest wird nicht bei jeder Charge gemessen.
Ein Nachweis der Brandschutzeigenschaften erfolgt nur auf Anfrage.
(CV 40 Druckspannungswert rechnerisch aufgerundet auf eine Kommastelle)

HybridPUR Yogadrops®

Flexible as you.



What is HybridPUR Yogadrops®?

HybridPUR Yogadrops® is an innovative novel foam, which is made during the foaming process and a combination of classic foam and a specially tested liquid.

This liquid accumulates visible and invisible as elastic particles in and around the cells.

Best long-term performance, cuddly handle and new optics make HybridPUR Yogadrops® to a brand new experience.

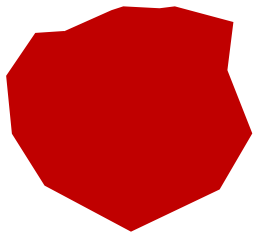
purposes: CNC cuttet-/sandwich mattress cores,
topper, plates, shoulder inlays

processing: versotec®, profile cutting,
CNC- contouring etc.



HybridPUR Yogadrops® - so movable

Yogadrops, are moving all-rounders. They detect the body movements and transform the forces into a flexible return. The enormous elasticity of the cells of HybridPUR Yogadrops® guarantees a maximum physical adaptability and a indescribable lying experience.



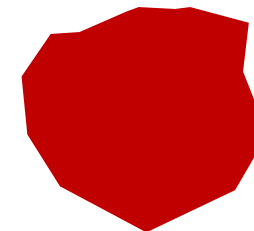
Yogadrops **before** pressure effect:

Yogadrops are flexible, moving allrounders and gel-like particles



Yogadrops **under** pressure:

Yogadrops adapt their shape to the pressure



Yogadrops **after** pressure:

Yogadrops get back in their original shape and support the foam

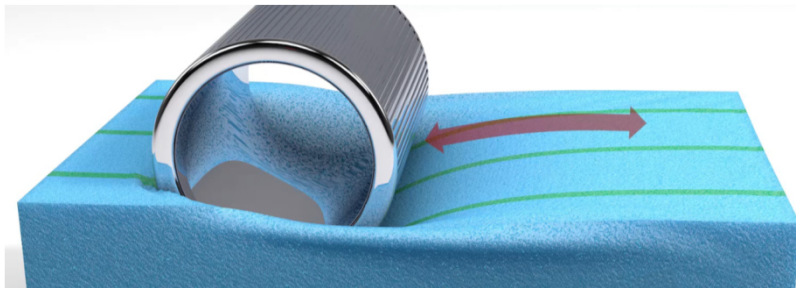
HybridPUR Yogadrops®



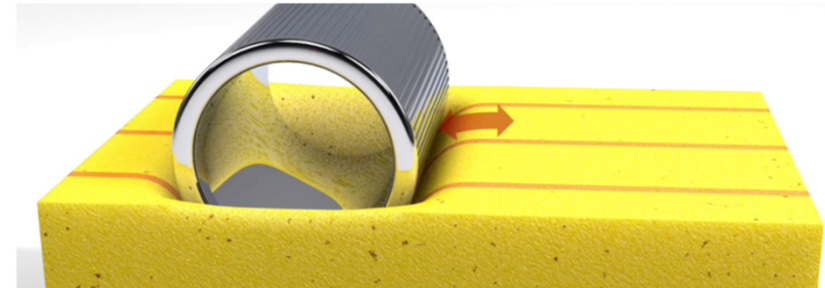
in comparison

conventional foam

HybridPUR Yogadrops®



conventional foam reacts time-shifted
on pressure effects



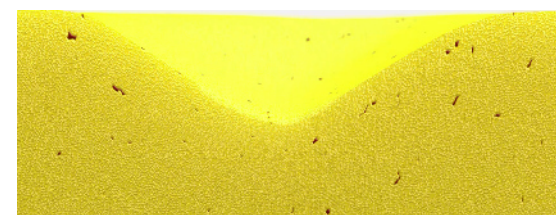
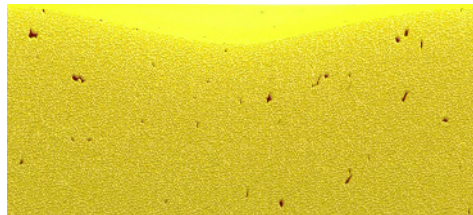
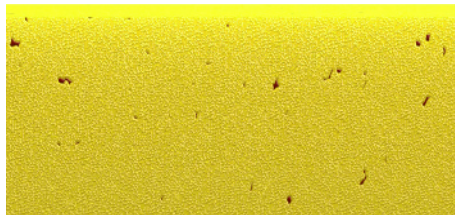
HybridPUR Yogadrops® responds
immediately to pressure action and
support the body in any situation

HybridPUR Yogadrops®



HybridPUR Yogadrops® - so soft

The HybridPUR Yogadrops® is much more than soft. The sensitive balance of the contained components bundles the supple softness with exceptional elasticity - even under continuous loading and different climatic conditions. Especially because of the supple feel and novel optics, HybridPUR Yogadrops® is a complete new foam experience.



HybridPUR Yogadrops®



HybridPUR Yogadrops® - so durable

Particularly the special combination of foam and the Yogadrops take HybridPUR Yogadrops® to a unprecedented material level with exceptional durability characteristics.

HybridPUR Yogadrops® reserves durable form and stability - in any climate. Authorized testing laboratories certify the high quality in function and durability to HybridPUR Yogadrops®.

In summary

HybridPUR Yogadrops® is a novel foam. The main property of this HighTech-foam are the Yogadrops. This moving allrounders provide a very high flexibility and elasticity in the foam.

They were formed during the foaming process. Through the foaming process they were connected with the foam cells. Due to this special Production the foam receive additional support. Under pressure the Yogadrops adjust the pressure. After pressure the Yogadrops get back in their original shape and support the body. With this property the Yogadrops support the foam immediately in any situation. As a result the loss of height and hardness is balanced.

HybridPUR Yogadrops® is long-termed reliable and durable in any situation.

Sales Arguments





- for the first time a proven liquid could be introduced into the traditional PUR foam - production and create a hybrid compound by a chemical reaction
- this hybrid compound consists of a PUR - foam matrix and irregular, elastic Yogadrops adhering at the cell walls
- Yogadrops occur visible on the cut surfaces and also invisible in the cell structure
- HybridPUR Yogadrops® balances the properties of two components, that so different, to one perfection:
 - supple softness of a smooth PUR soft foam
 - and the 3-D elasticity of the Yogadrops for a flexible and supportive body backward movement
- even after many years of use as a mattress component, HybridPUR Yogadrops® reserve its excellent comfort properties
- compared to other mattress foams the tendency to loss of hardness is significantly lower
- even in climatically demanding conditions (high temperatures, thermal shock, humidity) this foam reserve its excellent comfort properties (see details Wet Comprehension Set)

Technical description sheet




JACK mattress



Combination + width (cm)	Net weight Without packaging (kilos)	Dimensions in packaging (cm)	Volume (m3)	Gross weight With packaging (kilos)
Jack   80/90/140/160/180 cm  28 cm  200 cm	80 cm : 21,5 90 cm : 23,5 140 cm : 33,5 160 cm : 39 180 cm : 44,5	80 cm : 80x200x28 90 cm : 90x200x28 140 cm : 140x200x28 160 cm : 160x200x28 180 cm : 180x200x28	80 cm : 0,45 90 cm : 0,51 140 cm : 0,79 160 cm : 0,9 180 cm : 1,0	80 cm : 22 90 cm : 24 140 cm : 34 160 cm : 39,5 180 cm : 45

Type of packaging : Bullpack

Furnishing :

	<p>Micro pocket springs in 7 zones, Height 14 cm. 1.598 micro pocketsprings in a mattress 160x200 cm. Diameter of wire 1,4 mm.</p> <p>Foam HR 37 kg/m³ (2x 4 cm)</p> <p>Thermofiber 500 grams/m²</p> <p>Fabric : Stretch jacquard fabric, 210 gram/m² - 100% polyester. Hypoallergenic and anti-bacterial.</p> <p>Side 1 : HybridPur Yogadrops 45 kg/m³ (4 cm)</p> <p>Side 2 : Polyurethane foam HR 37 kg/m³ (4 cm)</p> <p>HybridPur Yogadrops :</p> <p>Innovative novel foam, which is made during the foaming process and a combination of classic foam and a specially tested liquid.</p>
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