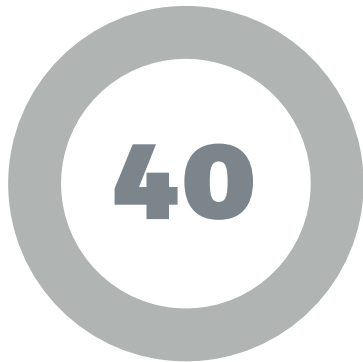


Highly resistant

H-air is a high density polyurethane designed for use as the load-bearing core of any type of mattress. It is however soft and – at the same time – able to spring back extraordinarily.

This combination makes it a perfect elastic support. It is also among the bases we use for Nuvo Comfort, one of our new products.



Density

Unit of measure **kg/m³**
Standard **UNI EN ISO 845**
Tolerance **+5%**



Compression

load-bearing capacity **40%**
Unit of measure **Kilopascal**
Standard **UNI EN ISO 3386-1**
Tolerance **+15%**

Bearing characteristics and sinking resistance

25% **80** 40% **105** 65% **270**

Unit of measure **Newton**
Standard **UNI EN ISO 2439B**
Tolerance **+15%**

Load at break

> 80

Unit of measure **Kilopascal**
Standard **DIN 53571**

Block height (max)

100

Unit of measure **cm**

Block length (max)

210

Unit of measure **cm**

Permanent compression deformation 50%

< 5

Unit of measure **%**
Standard **DIN 53572**

Elongation at break

> 90

Unit of measure **%**
Standard **DIN 53571**

Block weight (max)

200

Unit of measure **cm**

Air passage

70

Unit of measure **lt/min**
Standard **Internal**

Highly resistant

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Density

Unit of measure **kg/m³**
Standard **UNI EN ISO 845**
Tolerance **+5%**



Compression

load-bearing capacity **40%**
Unit of measure **Kilopascal**
Standard **UNI EN ISO 3386-1**
Tolerance **+15%**

Bearing characteristics and sinking resistance

25% **105** 40% **140** 65% **350**

Unit of measure **Newton**
Standard **UNI EN ISO 2439B**
Tolerance **+15%**

Load at break

> 80

Unit of measure **Kilopascal**
Standard **DIN 53571**

Block height (max)

100

Unit of measure **cm**

Block length (max)

210

Unit of measure **cm**

Permanent compression deformation 50%

< 5

Unit of measure **%**
Standard **DIN 53572**

Elongation at break

> 80

Unit of measure **%**
Standard **DIN 53571**

Block weight (max)

200

Unit of measure **cm**

Air passage

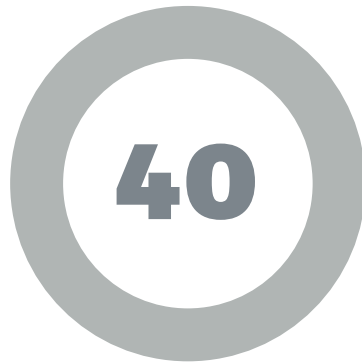
60

Unit of measure **lt/min**
Standard **Internal**

Highly resistant

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This combination makes it a perfect elastic support. It is also among the bases we use for Nuvo Comfort, one of our new products.



Density

Unit of measure **kg/m³**
Standard **UNI EN ISO 845**
Tolerance **+5%**



Compression

load-bearing capacity **40%**
Unit of measure **Kilopascal**
Standard **UNI EN ISO 3386-1**
Tolerance **+15%**

Bearing characteristics and sinking resistance

25% **135** 40% **180** 65% **440**

Unit of measure **Newton**
Standard **UNI EN ISO 2439B**
Tolerance **+15%**

Load at break

> 80

Unit of measure **Kilopascal**
Standard **DIN 53571**

Block height (max)

100

Unit of measure **cm**

Block length (max)

210

Unit of measure **cm**

Permanent compression deformation 50%

< 5

Unit of measure **%**
Standard **DIN 53572**

Elongation at break

> 80

Unit of measure **%**
Standard **DIN 53571**

Block weight (max)

200

Unit of measure **cm**

Air passage

55

Unit of measure **lt/min**
Standard **Internal**