

## 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.

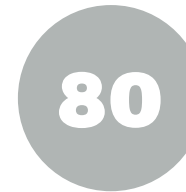
soft



### Density

Unit of measure **lb/ft<sup>3</sup>**  
Method **ASTM D-3574-05**  
Rif. Value **+5%**

I.F.L @ 25%



I.F.L @ 65%



### Compression

Unit of measure **lb-force**  
Method **ASTM D-3574-05**  
Rif. Value **+15%**

### Support factor

**3,4**

Unit of measure **none**  
Method **ASTM D-3574-05**

### Tensile strength

**5**

Unit of measure **lb-force/in<sup>2</sup>**  
Method **ASTM D-3574-05**

### Air flow

**4,5**

Unit of measure **ft<sup>3</sup>/min**  
Method **Internal**

### Elongation % ultimate

**100**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

### Hysteresis loss

**15**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

### Costant deflect 90%

**10**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

## 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.

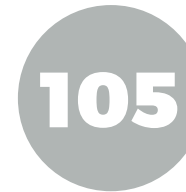
This combination makes it a perfect elastic support. It is also among the bases we use for Nuvo Comfort, one of our new products.



### Density

Unit of measure **lb/ft<sup>3</sup>**  
Method **ASTM D-3574-05**  
Rif. Value **+5%**

I.F.L @ 25%



I.F.L @ 65%



### Compression

Unit of measure **lb-force**  
Method **ASTM D-3574-05**  
Rif. Value **+15%**

### Support factor

**3,3**

Unit of measure **none**  
Method **ASTM D-3574-05**

### Tensile strength

**5**

Unit of measure **lb-force/in<sup>2</sup>**  
Method **ASTM D-3574-05**

### Air flow

**4,5**

Unit of measure **ft<sup>3</sup>/min**  
Method **Internal**

### Elongation % ultimate

**100**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

### Hysteresis loss

**15**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

### Costant deflect 90%

**10**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

medium

## 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 **lb/ft<sup>3</sup>**  
Method **ASTM D-3574-05**  
Rif. Value **+5%**

I.F.L @ 25%



I.F.L @ 65%



### Compression

Unit of measure **lb-force**  
Method **ASTM D-3574-05**  
Rif. Value **+15%**

### Support factor

**3,3**

Unit of measure **none**  
Method **ASTM D-3574-05**

### Tensile strength

**5**

Unit of measure **lb-force/in<sup>2</sup>**  
Method **ASTM D-3574-05**

### Air flow

**4,5**

Unit of measure **ft<sup>3</sup>/min**  
Method **Internal**

### Elongation % ultimate

**100**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

### Hysteresis loss

**15**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**

### Costant deflect 90%

**10**

Unit of measure **%**  
Method **ASTM D-3574-05**  
Rif. Value **Maxiumum**