

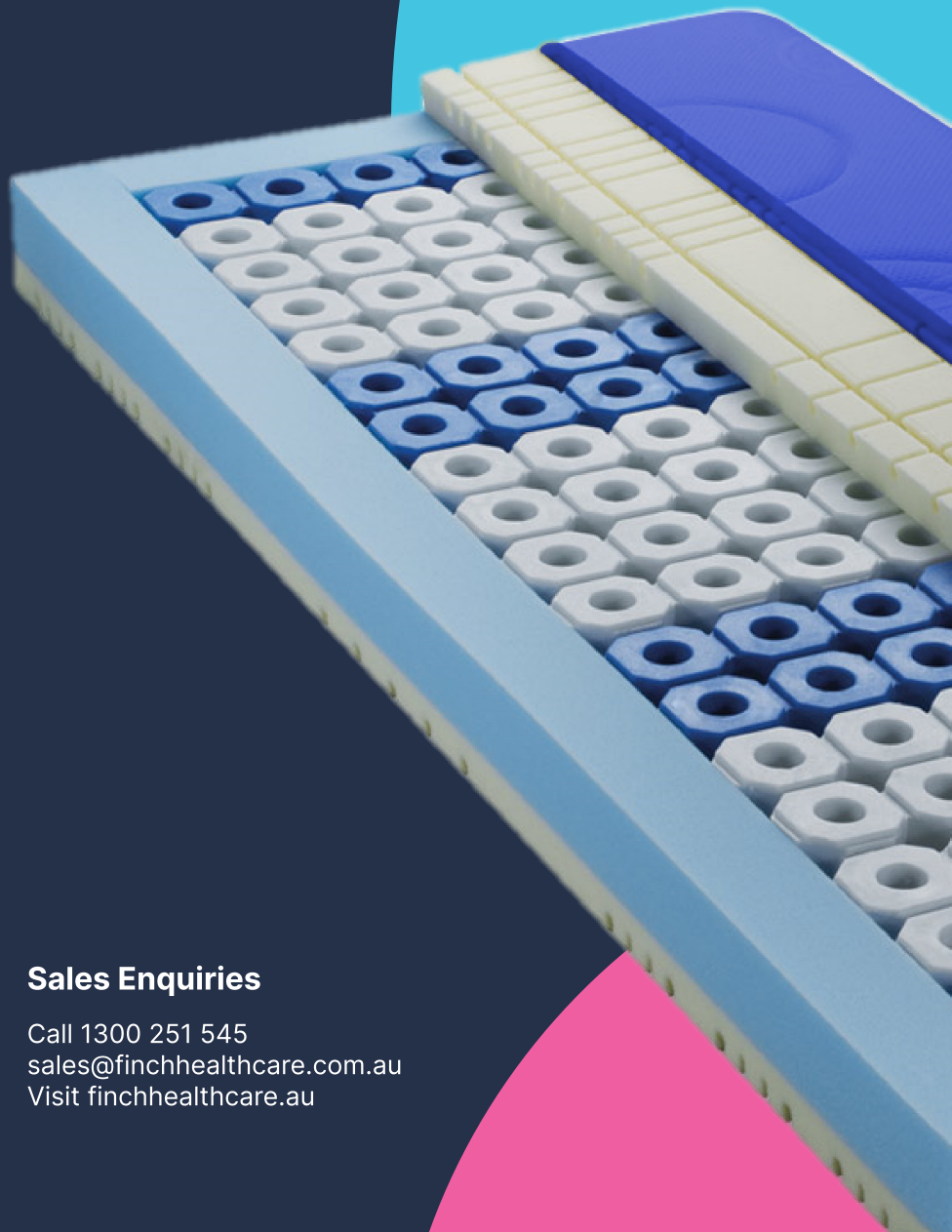
Metzeler Airline Delight

TECHNICAL DATASHEET

ARTG 363471



SCAN ME



Sales Enquiries

Call 1300 251 545
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Visit finchhealthcare.au

Technical Data Sheet

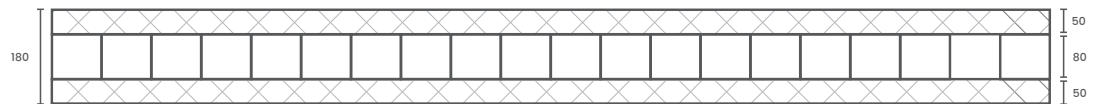


Metzeler Airline Delight H1 Mattress ARTG 363471

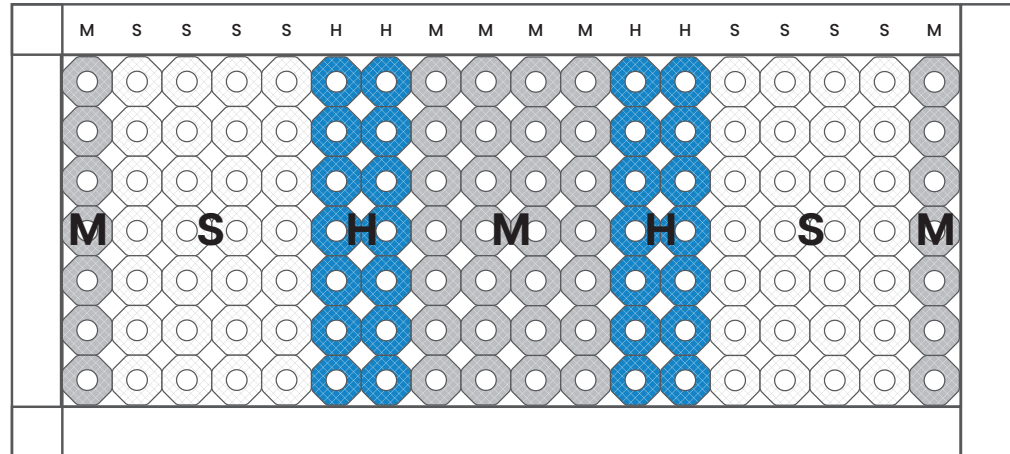
Product Code: FM-1AD-090200 (Single), FM-1AD-105200 (King Single)

H1 Castellated Top and Bottom Layer

Characteristic	Standard	Measure	Value
Density	DIN EN ISO 845 ASTM D-3574	[kg/m ³]	48 ± 3
Compression Load Deflection	DIN EN ISO 3386-1 (40 %) ASTM D-3574C	[kPa]	1,5 ± 0,5
Tensile Strength	DIN EN ISO 1798 ASTM D-3574E	[kPa]	> 100
Elongation at Break	DIN EN ISO 1798, ASTM D-3574E	[%]	> 250
Compression Set	DIN EN ISO 1856 (22 h; 50 %; 70 °C), ASTM D-3574D	[%]	< 10
Cell Count	DIN 75200, FMVSS 302		16 ± 3



H1



Soft & White



Medium & Grey



Hard & Blue

Technical Data Sheet

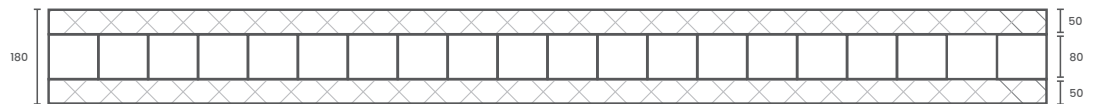


Metzeler Airline Delight H2 Mattress ARTG 363471

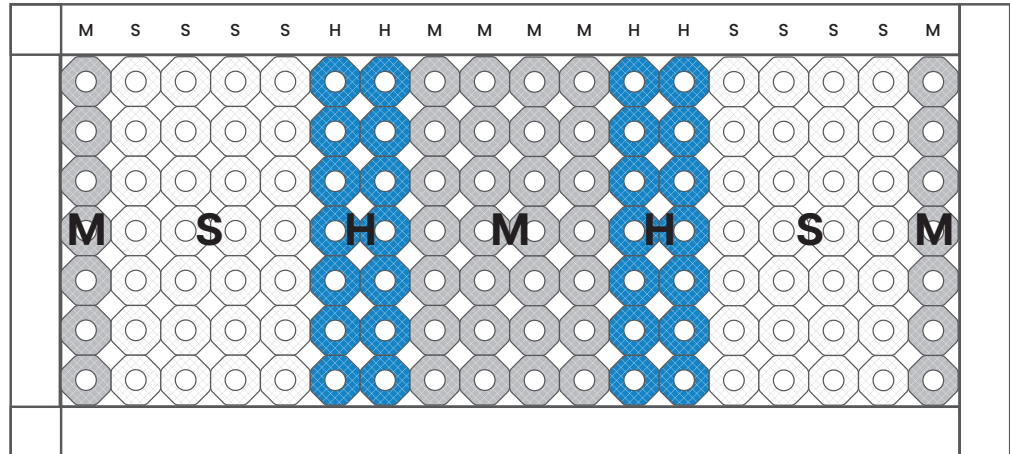
Product Code: FM-2AD-090200 (Single), FM-2AD-105200 (King Single)

H2 Castellated Top and Bottom Layer

Characteristic	Standard	Measure	Value
Density	DIN EN ISO 845 ASTM D-3574	[kg/m ³]	47 ± 3
Compression Load Deflection	DIN EN ISO 3386-1 (40 %) ASTM D-3574C	[kPa]	2,5 ± 0,6
Tensile Strength	DIN EN ISO 1798 ASTM D-3574E	[kPa]	> 80
Elongation at Break	DIN EN ISO 1798, ASTM D-3574E	[%]	> 130
Compression Set	DIN EN ISO 1856 (22 h; 50 %; 70 °C), ASTM D-3574D	[%]	< 6
Flammability	DIN 75200, FMVSS 302		fulfilled



H2



Soft & White



Medium & Grey



Hard & Blue

Technical Data Sheet

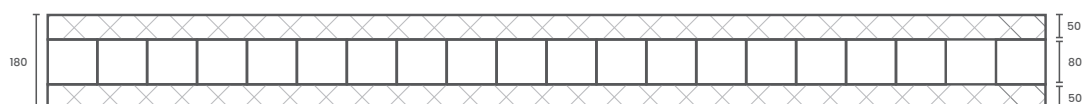


Metzeler Airline Delight H3 Medium Mattress ARTG 363471

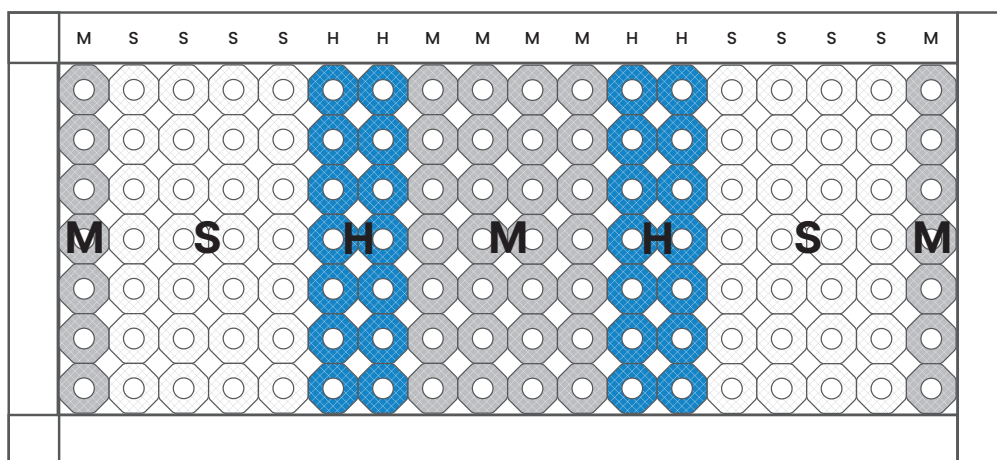
Product Code: FM-3AD-135200 (Double), FM-3AD-152200 (Queen), FM-3AD-076200 (Split Queen)

H3 Castellated Top and Bottom Layer

Characteristic	Standard	Measure	Value
Density	DIN EN ISO 845, ASTM D-3574	[kg/m ³]	48 * 3
Compression Load Deflection	DIN EN ISO 3386-1 (40%), ASTM D-3574C	[kPa]	3,5 * 0,7
Tensile Strength	DIN EN ISO 1798, ASTM D-3574E	[kPa]	> 90
Elongation at Break	DIN EN ISO 1798, ASTM D-3574E	[%]	> 140
Compression Set	DIN EN ISO 1856 (22 h; 50 %; 70 °C), ASTM D-3574D	[%]	< 6
Flammability	DIN 75200, FMVSS 302		fulfilled



H3



Technical Data Sheet

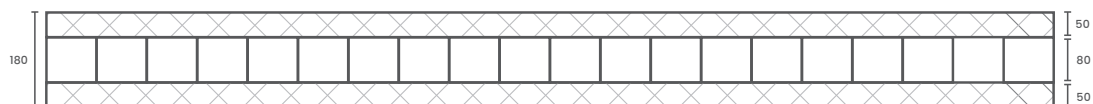


Metzeler Airline Delight H4 Mattress ARTG 363471

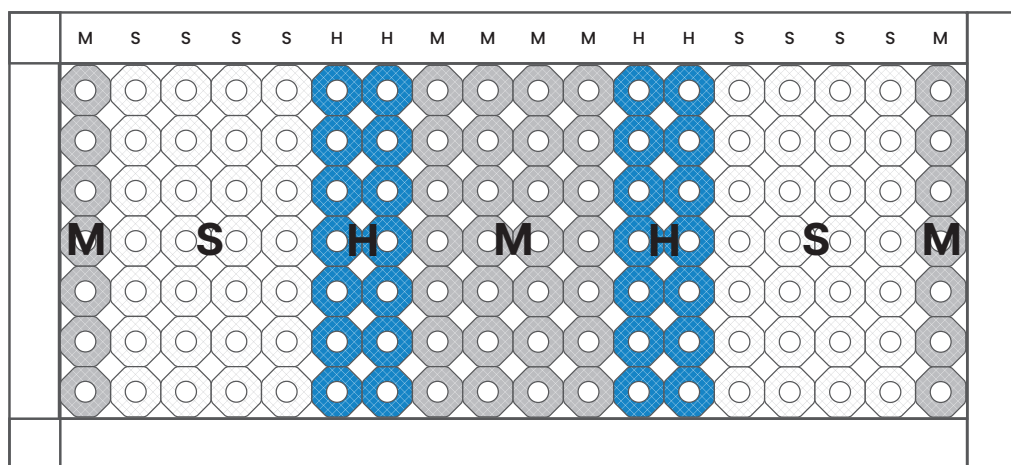
Product Code: FM-4AD-090200 (Single), FM-4AD-105200 (King Single), FM-3AD-076200 (Double)

H4 Castellated Top and Bottom Layer

Characteristic	Standard	Measure	Value
Density	DIN EN ISO 845 ASTM D-3574	[kg/m ³]	48 ± 3
Compression Load Deflection	DIN EN ISO 3386-1 (40 %) ASTM D-3574C	[kPa]	5,0 ± 0,9
Tensile Strength	DIN EN ISO 1798 ASTM D-3574E	[kPa]	> 80
Elongation at Break	DIN EN ISO 1798, ASTM D-3574E	[%]	> 90
Compression Set	DIN EN ISO 1856 (22 h; 50 %; 70 °C), ASTM D-3574D	[%]	< 10
Flammability	DIN 75200, FMVSS 302		fulfilled



H4



Soft & White



Medium & Grey



Hard & Blue

**METZELER**

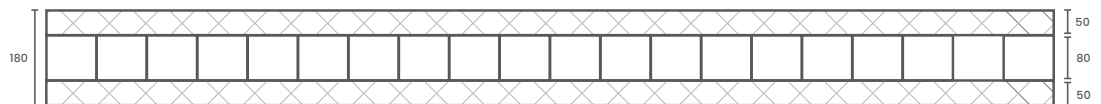
Technical Data Sheet

Metzeler Airline Delight H5 Mattress ARTG 363471

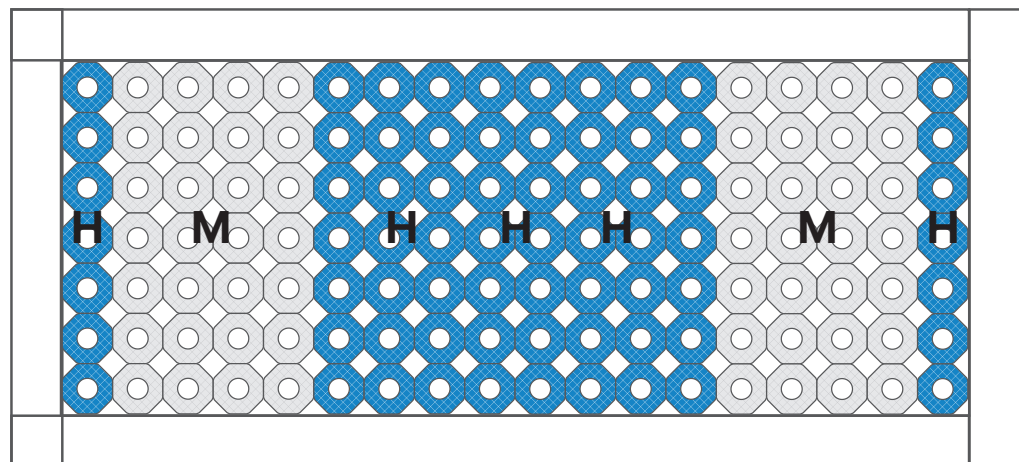
Product Code: FM-5AD-090200 (Single), FM-5AD-105200 (King Single)

H5 Castellated Top and Bottom Layer

Characteristic	Standard	Measure	Value
Density	DIN EN ISO 845 ASTM D-3574	[kg/m ³]	48 ± 3
Compression Load Deflection	DIN EN ISO 3386-1 (40 %) ASTM D-3574C	[kPa]	5,0 ± 0,9
Tensile Strength	DIN EN ISO 1798 ASTM D-3574E	[kPa]	> 80
Elongation at Break	DIN EN ISO 1798, ASTM D-3574E	[%]	> 90
Compression Set	DIN EN ISO 1856 (22 h; 50 %; 70 °C), ASTM D-3574D	[%]	< 10
Flammability	DIN 75200, FMVSS 302		fulfilled



H5



Soft & White



Medium & Grey



Hard & Blue

Technical Data Sheet



Reinforced Edge

Characteristic	Standard	Measure	Value
Density	DIN EN ISO 845, ASTM D-3574	[kg/m ³]	48 ± 3
Compression Load Deflection	DIN EN ISO 3386-1 (40%), ASTM D-3574C	[kPa]	3,5 ± 0,7
Tensile Strength	DIN EN ISO 1798, ASTM D-3574E	[kPa]	> 90
Elongation at Break	DIN EN ISO 1798, ASTM D-3574E	[%]	> 140
Compression Set	DIN EN ISO 1856 (22 h; 50 %; 70 °C), ASTM D-3574D	[%]	< 6
Pores per cm	DIN 75200, FMVSS 302	[cm-1]	183

Air Channels

Characteristic	Standard	Measure	Soft	Medium	Hard
Density	DIN EN ISO 845	[kg/m ³]	ca. 62	ca. 56	ca. 59
Indentation Hardness	DIN EN ISO 2439 C (40 %)	[N]	ca. 80	ca. 110	ca. 160

Technical Data Sheet

Mod. 07.03.04
Rev.05-24/10/2023



Approved by CEO



TECHNICAL DATA SHEET

Article Name: LIVING 220

Composition:	Coating	100% Polyurethane	90 g/sqm
	Backing	100% Polyester	100 g/sqm
Characteristics	Test method	Unit	Value
Total weight	Based on ISO 2286-2	g/sqm	190 ± 15
Width		cm	220
Tensile strenght	Based on ISO 1421	N/5cm	>250
warp		N/5cm	>140
Elongation	Based on ISO 1421	%	>100%
warp		%	>100%
weft			
Coating adhesion	Based on ISO 2411	N/5cm	>30
Hydrostatic Head	UNI EN 20811	cm	>200
Water Vapour Permeability	ISO 15106-3	g/mq/24h	>500
Flame retardancy	IT - UNI 9174 Class 1 UK-BS 7175:1989 Section 3 Crib 5 UK-BS 7175:1989 Section 3 Crib 7		compliant compliant compliant
Biocompatibility	ISO 10993-10		compliant
Cytotoxicity	ISO 10993-5		compliant
REACH specifications			compliant
OEKO TEX® class I Annex IV	Test method		compliant

Washing Instructions:



Washable with common detergents and hydrogen peroxide. Sterilization at 134°C for 7' max.
Resistant to blood, urine, oil, grease and disinfectants. Shrinkage after washing: <2%.

Other:

Antibacterial treatment:

- BC-100 by ULTRA-FRESH, active substances: 3-iodopropynylbutylcarbamate (CAS N. 55406-53-6)
- PURE TAG by HEIQ

This article is HF and UF weldable. This should however be tested on your equipment.

Remarks:

All the specifications given in this document have been tested in accredited laboratories or in our own laboratory. The items delivered comply with the specifications stated in this datasheet. In principle, we do not guarantee properties or characteristics that are not included in it. Slight color variations between deliveries are possible. We recommend that you always process items from different deliveries separately.



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