

ARAMID PAPER HONEYCOMB

Duxford A1/A10 Designation	Casa Grande Designation	Duxford HRH Designation
Aerospace Nomex		
A1-29-3	HRH10-1/8-1.8	HRH10-3.2-29
A1-48-3	HRH10-1/8-3.0	HRH10-3.2-48
A1-64-3	HRH10-1/8-4.0	HRH10-3.2-64
A1-72-3	HRH10-1/8-4.5	HRH10-3.2-72
A1-80-3	HRH10-1/8-5.0	HRH10-3.2-80
A1-96-3	HRH10-1/8-6.0	HRH10-3.2-96
A1-123-3	HRH10-1/8-7.7	HRH10-3.2-123
A1-128-3	HRH10-1/8-8.0	HRH10-3.2-128
A1-144-3	HRH10-1/8-9.0	HRH10-3.2-144
A1-32-5	HRH10-3/16-2.0	HRH10-4.8-32
A1-48-5	HRH10-3/16-3.0	HRH10-4.8-48
A1-64-5	HRH10-3/16-4.0	HRH10-4.8-64
A1-72-5	HRH10-3/16-4.5	HRH10-4.8-72
A1-96-5	HRH10-3/16-6.0	HRH10-4.8-96
A1-29-50X	HRH10/OX-3/16-1.8	HRH10/OX-4.8-29
A1-48-50X	HRH10/OX-3/16-3.0	HRH10/OX-4.8-48
A1-64-50X	HRH10/OX-3/16-4.0	HRH10/OX-4.8-64
A1-24-6	HRH10-1/4-1.5	HRH10-6.4-24
A1-32-6	HRH10-1/4-2.0	HRH10-6.4-32
A1-48-6	HRH10-1/4-3.0	HRH10-6.4-48
A1-50-6	HRH10-1/4-3.1	HRH10-6.4-50
A1-64-6	HRH10-1/4-4.0	HRH10-6.4-64
A1-48-60X	HRH10/OX-1/4-3.0	HRH10/OX-6.4-48
A1-56-60X	HRH10/OX-1/4-3.5	HRH10/OX-6.4-56
A1-64-60X	HRH10/OX-1/4-4.0	HRH10/OX-6.4-64
A1-24-9	HRH10-3/8-1.5	HRH10-9.5-24
A1-32-9	HRH10-3/8-2.0	HRH10-9.5-32
A1-48-9	HRH10-3/8-3.0	HRH10-9.5-48
A1-24-13	HRH10-1/2-1.5	HRH10-12.7-24
A1-32-13	HRH10-1/2-2.0	HRH10-12.7-32
A1-64-13	HRH10-1/2-4.0	HRH10-12.7-64
A1-23-19	HRH10-3/4-1.5	HRH10-19.0-24
Industrial Nomex		
A10-48-3	HRH78-1/8-3.0	HRH78-3.2-48
A10-64-3	HRH78-1/8-4.0	HRH78-3.2-64
A10-80-3	HRH78-1/8-5.0	HRH78-3.2-80
A10-32-5	HRH78-3/16-2.0	HRH78-4.8-32

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A10-48-5	HRH78-3/16-3.0	HRH78-4.8-48
A10-64-5	HRH78-3/16-4.0	HRH78-4.8-64
A10-29-50X	HRH78/OX-3/16-1.8	HRH78/OX-4.8-29
A10-48-50X	HRH78/OX-3/16-3.0	HRH78/OX-4.8-48
A10-72-50X	HRH78/OX-3/16-4.5	HRH78/OX-4.8-72
A10-32-13	HRH78-1/2-2.0	HRH78-12.7-32
HRH36 Kevlar		
	HRH36-1/8-2.5	HRH-36-3.2-40
	HRH36-1/8-3.0	HRH-36-3.2-48
	HRH36-1/8-4.0	HRH-36-3.2-64
	HRH36-1/8-4.5	HRH-36-3.2-72
	HRH36-1/8-6.0	HRH-36-3.2-96
	HRH36-5/32-2.4	HRH-36-4.0-38
	HRH36-5/32-4.5	HRH-36-4.0-72
	HRH36-3/16-1.8	HRH-36-4.8-28
	HRH36-3/16-2.0	HRH-36-4.8-32
	HRH36-3/16-2.5	HRH-36-4.8-40
	HRH36-3/16-3.0	HRH-36-4.8-48
	HRH36-3/16-4.5	HRH-36-4.8-72
	HRH36-3/16-6.0	HRH-36-4.8-96

Non-Metallic designations

Duxford A1/A10

A1
|
Paper Type
A1 Aerospace Nomex
A10 Industrial Nomex

— 48 —
|
Density
kg/m³

5
|
Cell size (mm)
Nominal

— OX —
|
Added for
rectangular
cell shape
(over-expanded)

Casa Grande

HRH-10
|
Paper Type
HRH10 Aerospace Nomex
HRH78 Industrial Nomex
HRH-36 Kevlar

/ OX —
|
Added for
rectangular
cell shape
(over-expanded)

3/16
|
Cell size
inches

— 3.0 —
|
Density
lb/ft³

Duxford HRH

HRH-10
|
Paper Type
HRH10 Aerospace Nomex
HRH78 Industrial Nomex
HRH-36 Kevlar

/ OX —
|
Added for
rectangular
cell shape
(over-expanded)

4.8
|
Cell size
mm

— 48 —
|
Density
kg/m³

*Nomex/®Kevlar are Registered Trademarks of Dupont



**HexWeb®
Aluminium
and
Aramid Paper
Honeycombs**

**Cross
Reference
Guide**



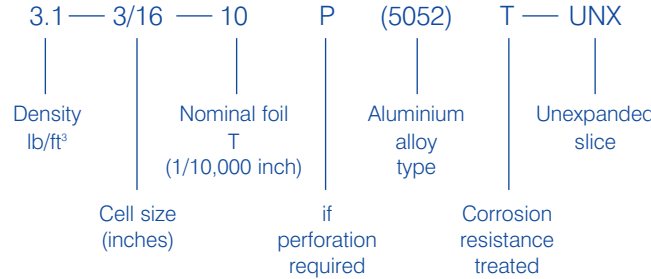
This Cross Reference Guide has been produced to explain the nomenclature in current use for HexWeb® Aluminium and Aramid Paper honeycomb manufactured in Duxford and Casa Grande.

The materials indicated may not be available from both production sites, but show the equivalent material designation.

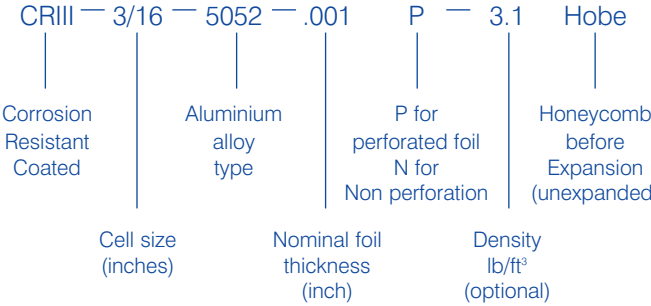
For our full range of honeycombs please refer to the product selector guide.

Aluminium designations

AMS-C-7438



Casa Grande



Additional notes:
Un-Expanded = UNX = Hobe (Aluminium only)

ALUMINIUM HONEYCOMB

AMS-C-7438 Designation	Casa Grande Designation
5056	
3.1-1/8-07(5056)T	CRIII-1/8-5056-.0007-3.1
4.5-1/8-10(5056)T	CRIII-1/8-5056-.001-4.5
6.1-1/8-15(5056)T	CRIII-1/8-5056-.0015-6.1
8.1-1/8-20(5056)T	CRIII-1/8-5056-.002-8.1
3.8-5/32-10(5056)T	CRIII-5/32-5056-.001-3.8
5.3-5/32-15(5056)T	CRIII-5/32-5056-.0015-5.3
2.0-3/16-07(5056)T	CRIII-3/16-5056-.0007-2.0
3.1-3/16-10(5056)T	CRIII-3/16-5056-.001-3.1
4.4-3/16-15(5056)T	CRIII-3/16-5056-.0015-4.4
5.7-3/16-20(5056)T	CRIII-3/16-5056-.002-5.7
1.6-1/4-07(5056)T	CRIII-1/4-5056-.0007-1.6
2.3-1/4-10(5056)T	CRIII-1/4-5056-.001-2.3
3.4-1/4-15(5056)T	CRIII-1/4-5056-.0015-3.4
4.3-1/4-20(5056)T	CRIII-1/4-5056-.002-4.3
5.2-1/4-25(5056)T	CRIII-1/4-5056-.0025-5.2
1.0-3/8-07(5056)T	CRIII-3/8-5056-.0007-1.0
1.6-3/8-10(5056)T	CRIII-3/8-5056-.0010-1.6
3.0-3/8-20(5056)T	CRIII-3/8-5056-.002-3.0
3.7-3/8-25(5056)T	CRIII-3/8-5056-.0025-3.7

ALUMINIUM HONEYCOMB

AMS-C-7438 Designation	Casa Grande Designation
5052	
3.1-1/8-07(5052)T	CRIII-1/8-5052-.0007-3.1
4.5-1/8-10(5052)T	CRIII-1/8-5052-.001-4.5
6.1-1/8-15(5052)T	CRIII-1/8-5052-.0015-6.1
8.1-1/8-20(5052)T	CRIII-1/8-5052-.002-8.1
10.0-1/8-25(5052)T	CRIII-1/8-5052-.0025-10.0
12.0-1/8-30(5052)T	CRIII-1/8-5052-.003-12.0
3.8-5/32-10(5052)T	CRIII-5/32-5052-.001-3.8
5.3-5/32-15(5052)T	CRIII-5/32-5052-.0015-5.3
2.0-3/16-07(5052)T	CRIII-3/16-5052-.0007-2.0
3.1-3/16-10(5052)T	CRIII-3/16-5052-.001-3.1
4.4-3/16-15(5052)T	CRIII-3/16-5052-.0015-4.4
5.7-3/16-20(5052)T	CRIII-3/16-5052-.002-5.7
6.9-3/16-25(5052)T	CRIII-3/16-5052-.0025-6.9
1.6-1/4-07(5052)T	CRIII-1/4-5052-.0007-1.6
2.3-1/4-10(5052)T	CRIII-1/4-5052-.001-2.3
3.4-1/4-15(5052)T	CRIII-1/4-5052-.0015-3.4
4.3-1/4-20(5052)T	CRIII-1/4-5052-.002-4.3
5.2-1/4-25(5052)T	CRIII-1/4-5052-.0025-5.2
6.0-1/4-30(5052)T	CRIII-1/4-5052-.003-6.0
7.9-1/4-40(5052)T	CRIII-1/4-5052-.004-7.9
1.6-3/8-07(5052)T	CRIII-3/8-5052-.0007-1.6
2.3-3/8-15(5052)T	CRIII-3/8-5052-.0015-2.3
3.0-3/8-20(5052)T	CRIII-3/8-5052-.002-3.0
3.7-3/8-25(5052)T	CRIII-3/8-5052-.0025-3.7
4.2-3/8-30(5052)T	CRIII-3/8-5052-.003-4.2
5.4-3/8-40(5052)T	CRIII-3/8-5052-.004-5.4
3.9-1/2-40(5052)T	CRIII-1/2-5052-.004-3.9
1.8-3/4-25(5052)T	CRIII-3/4-5052-.0025-1.8