

## ARAMID PAPER HONEYCOMB

Duxford A1/A10 Designation	Casa Grande Designation	Duxford HRH Designation
<b>Aerospace Nomex</b>		
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
<b>Industrial Nomex</b>		
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
<b>HRH36 Kevlar</b>		
	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 — 48 — 5 — OX  
 | Paper Type | Density | Cell size (mm) | Added for  
 A1 Aerospace Nomex | kg/m<sup>3</sup> | Nominal | rectangular  
 A10 Industrial Nomex | | | cell shape  
 (over-expanded)


#### Casa Grande

HRH-10 / OX — 3/16 — 3.0  
 | Paper Type | Added for | Cell size | Density  
 HRH10 Aerospace Nomex | rectangular | inches | lb/ft<sup>3</sup>  
 HRH78 Industrial Nomex | cell shape | |  
 HRH-36 Kevlar | (over-expanded)

#### Duxford HRH

HRH-10 / OX — 4.8 — 48  
 | Paper Type | Added for | Cell size | Density  
 HRH10 Aerospace Nomex | rectangular | mm | kg/m<sup>3</sup>  
 HRH78 Industrial Nomex | cell shape | |  
 HRH-36 Kevlar | (over-expanded)

\*Nomex/®Kevlar are Registered Trademarks of Dupont



**HexWeb<sup>®</sup>  
Aluminium  
and  
Aramid Paper  
Honeycombs**

**Cross  
Reference  
Guide**

#### United Kingdom

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 Fax: **44** 1223 838808

#### Belgium

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 Fax: **32** 87 882 895

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Tel: **1** 925 551 4900  
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 Fax: **43** (0) 7229 772-299

#### Spain

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 Fax: **34** 91 698 49 14

#### Germany

Tel: **49** 4141 7879-00  
 Fax: **49** 4141 7879-01

#### Italy

Tel: **39** 02 967 09082  
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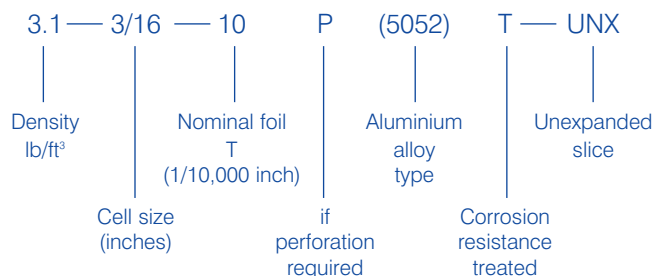
This Cross Reference Guide has been produced to explain the nomenclature in current use for HexWeb® Aluminium and Aramid Paper honeycomb manufactured in Duxford and Casa Grande.

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

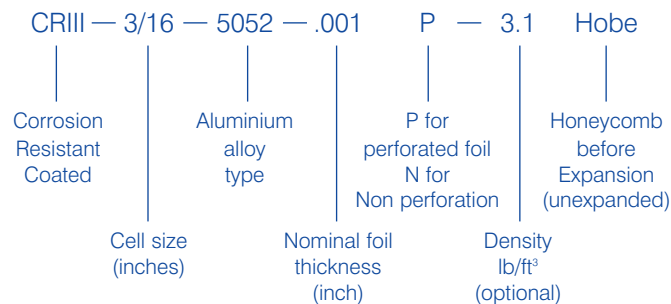
For our full range of honeycombs please refer to the product selector guide.

## Aluminium designations

### AMS-C-7438



### Casa Grande



Additional notes:

Un-Expanded = UNX = Hobe (Aluminium only)

## ALUMINIUM HONEYCOMB

AMS-C-7438 Designation	Casa Grande Designation	Duxford New Designation
<b>ACG (3003)</b>		
3.4-1/4-15(3003)T	CRIII-1/4-ACG-.002-3.4	CRF-1/4-ACG-.002-3.4
5.2-1/4-25(3003)T	CRIII-1/4-ACG-.003-5.2	CRF-1/4-ACG-.003-5.2
2.3-3/8-15(3003)T	CRIII-3/8-ACG-.002-2.3	CRF-3/8-ACG-.002-2.3
3.7-3/8-25(3003)T	CRIII-3/8-ACG-.003-3.7	CRF-3/8-ACG-.003-3.7
1.7-1/2-15(3003)T	CRIII-1/2-ACG-.002-1.7	CRF-1/2-ACG-.002-1.7
2.6-1/2-25(3003)T	CRIII-1/2-ACG-.003-2.6	CRF-1/2-ACG-.003-2.6
1.3-3/4-15(3003)T	CRIII-3/4-ACG-.002-1.3	CRF-3/4-ACG-.002-1.3
1.8-3/4-25(3003)T	CRIII-3/4-ACG-.003-1.8	CRF-3/4-ACG-.003-1.8

AMS-C-7438 Designation	Casa Grande Designation
<b>5056</b>	
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
<b>5052</b>	
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