



DURA-CORE® AND PAA-CORE® METALLIC HONEYCOMB CUSTOMER QUALIFICATIONS CHART

Dura-Core® and PAA-Core® Metallic Honeycomb are offered in a wide range of types, classes, grades, densities for commercial, aerospace, defense, industrial, transportation and non-aerospace applications. The reference chart below lists the primary specifications that we are qualified to. Please contact us for updates and for us to qualify to your specifications.

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)
Airbus	Dura-Core® - Aluminum 5052 Alloy	AIMS 11-02-001		N	G		3/16" - 3.1 pcf	4.8mm - 50kg/m ³
	Dura-Core® Aluminum Honeycomb	AIMS 11-02-002		N	A		1/8" - 4.5 pcf	3.2mm - 72kg/m ³
	- 5056 Alloy	AIMS 11-02-002		N	R		5/32" - 3.8 pcf	4.0mm - 61kg/m ³
Airbus Helicopters	PAA Aluminum Honeycomb - 5056 Alloy	ECS2449		5056		PAA	5/32" - 3.8 pcf	4.0mm - 61kg/m ³
		ECS2447		5056		PAA	5/32" - 2.6 pcf	4.0mm - 42kg/m ³
		ECS2451		5056		PAA	3/16" - 5.7 pcf	4.8mm - 91kg/m ³
		ECS2450		5056		PAA	3/16" - 4.4 pcf	4.8mm - 70kg/m ³
		ECS2448		5056		PAA	1/4" - 3.4 pcf	6.4mm - 54kg/m ³
Bell Textron	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	299-947-059	IV, V, IX				1/8" - 3.1 pcf	3.2mm - 50kg/m ³
		299-947-059	IV, V, IX, IXa				1/8" - 4.5 pcf	3.2mm - 72kg/m ³
		299-947-059	IV, V, IX, IXa				1/8" - 6.1 pcf	3.2mm - 98kg/m ³
		299-947-059	IV, V, IX, IXa				1/8" - 8.1 pcf	3.2mm - 130kg/m ³
		299-947-059	IV, V, IX, IXa				1/8" - 10.0 pcf	3.2mm - 160kg/m ³
		299-947-059	IV, V, IX, IXa				1/8" - 12.0 pcf	3.2mm - 192kg/m ³
		299-947-059	IV, V, IX				5/32" - 2.6 pcf	4.0mm - 42kg/m ³
		299-947-059	IV, V, IX, IXa				5/32" - 3.8 pcf	4.0mm - 61kg/m ³
		299-947-059	IV, V, IX, IXa				5/32" - 5.3 pcf	4.0mm - 85kg/m ³
		299-947-059	IV, V, IX, IXa				5/32" - 6.9 pcf	4.0mm - 110kg/m ³
		299-947-059	IV, V, IX, IXa				5/32" - 8.4 pcf	4.0mm - 135kg/m ³
		299-947-059	IV, V, IX, IXa				5/32" - 10.0 pcf	4.0mm - 160kg/m ³
		299-947-059	IV, V, IX				3/16" - 2.0 pcf	4.8mm - 32kg/m ³
		299-947-059	IV, V, IX, IXa				3/16" - 3.1 pcf	4.8mm - 50kg/m ³
		299-947-059	IV, V, IX, IXa				3/16" - 4.4 pcf	4.8mm - 70kg/m ³
		299-947-059	IV, V, IX, IXa				3/16" - 5.7 pcf	4.8mm - 91kg/m ³
		299-947-059	IV, V, IX, IXa				3/16" - 6.9 pcf	4.8mm - 110kg/m ³
		299-947-059	IV, V, IX, IXa				3/16" - 8.1 pcf	4.8mm - 130kg/m ³
		299-947-059	IV, V, IX, IXa				3/16" - 10.6 pcf	4.8mm - 170kg/m ³
		299-947-059	IV, V, IX				1/4" - 1.6 pcf	6.4mm - 26kg/m ³
		299-947-059	IV, V, IX, IXa				1/4" - 2.3 pcf	6.4mm - 37kg/m ³
		299-947-059	IV, V, IX, IXa				1/4" - 3.4 pcf	6.4mm - 54kg/m ³
		299-947-059	IV, V, IX, IXa				1/4" - 4.3 pcf	6.4mm - 69kg/m ³
		299-947-059	IV, V, IX, IXa				1/4" - 5.2 pcf	6.4mm - 83kg/m ³
		299-947-059	IV, V, IX, IXa				1/4" - 6.0 pcf	6.4mm - 96kg/m ³
		299-947-059	IV, V, IX, IXa				1/4" - 7.9 pcf	6.4mm - 126kg/m ³
		299-947-059	IV, V				1/4" - 9.2 pcf	6.4mm - 147kg/m ³
		299-947-059	IV, V, IX				3/8" - 1.0 pcf	9.5mm - 16kg/m ³
		299-947-059	IV, V, IX, IXa				3/8" - 1.6 pcf	9.5mm - 26kg/m ³
		299-947-059	IV, V, IX, IXa				3/8" - 2.3 pcf	9.5mm - 37kg/m ³
		299-947-059	IV, V, IX, IXa				3/8" - 3.0 pcf	9.5mm - 48kg/m ³
		299-947-059	IV, V, IX, IXa				3/8" - 3.7 pcf	9.5mm - 59kg/m ³
		299-947-059	IV, V, IX, IXa				3/8" - 4.2 pcf	9.5mm - 67kg/m ³
		299-947-059	IV, V, IX, IXa				3/8" - 5.4 pcf	9.5mm - 86kg/m ³
		299-947-059	IV, V				3/8" - 6.5 pcf	9.5mm - 104kg/m ³
		299-947-059	IV, V				3/8" - 7.6 pcf	9.5mm - 122kg/m ³

NOTES:
Type IV=DURA-CORE® 5052 Aluminum Alloy Core
Type V = DURA-CORE® 5056 Aluminum Alloy Core
Type IX = PAA Phosphoric Acid Anodized, 5052 Aluminum Alloy Core
Type IXa = PAA Phosphoric Acid Anodized, 5056 Aluminum Alloy Core



THE GILL CORPORATION

DURA-CORE® AND PAA-CORE® METALLIC HONEYCOMB CUSTOMER QUALIFICATIONS CHART

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)
Boeing	Dura-Core® or PAA Aluminum Honeycomb - 5052 Alloy	BMS4-4	2-07	N,P,ND,NPA	I	ALL	1/8" - 3.1 pcf	3.2mm - 50kg/m³
		BMS4-4	2-10	N,P,ND,NPA	I	ALL	1/8" - 4.5 pcf	3.2mm - 72kg/m³
		BMS4-4	2-15	N,P,ND,NPA	I	ALL	1/8" - 6.1 pcf	3.2mm - 98kg/m³
		BMS4-4	2-20	N,P,ND,NPA	I	ALL	1/8" - 8.1 pcf	3.2mm - 130kg/m³
		BMS4-4	3-07	N,P,ND,NPA	I	ALL	3/16" - 2.0 pcf	4.8mm - 32kg/m³
		BMS4-4	3-10	N,P,ND,NPA	I	ALL	3/16" - 3.1 pcf	4.8mm - 50kg/m³
		BMS4-4	3-15	N,P,ND,NPA	I	ALL	3/16" - 4.4 pcf	4.8mm - 70kg/m³
		BMS4-4	3-20	N,P,ND,NPA	I	ALL	3/16" - 5.7 pcf	4.8mm - 91kg/m³
		BMS4-4	3-25	N,P,ND,NPA	I	ALL	3/16" - 6.9 pcf	4.8mm - 110kg/m³
		BMS4-4	3-30	N,P,ND,NPA	I	ALL	3/16" - 8.1 pcf	4.8mm - 130kg/m³
		BMS4-4	4-07	N,P,ND,NPA	I	ALL	1/4" - 1.6 pcf	6.4mm - 26kg/m³
		BMS4-4	4-10	N,P,ND,NPA	I	ALL	1/4" - 2.3 pcf	6.4mm - 37kg/m³
		BMS4-4	4-15	N,P,ND,NPA	I	ALL	1/4" - 3.4 pcf	6.4mm - 54kg/m³
		BMS4-4	4-20	N,P,ND,NPA	I	ALL	1/4" - 4.3 pcf	6.4mm - 69kg/m³
		BMS4-4	4-25	N,P,ND,NPA	I	ALL	1/4" - 5.2 pcf	6.4mm - 83kg/m³
		BMS4-4	4-30	N,P,ND,NPA	I	ALL	1/4" - 6.0 pcf	6.4mm - 96kg/m³
		BMS4-4	4-40	N,P,ND,NPA	I	ALL	1/4" - 7.9 pcf	6.4mm - 126kg/m³
		BMS4-4	6-10	N,P,ND,NPA	I	ALL	3/8" - 1.6 pcf	9.5mm - 26kg/m³
		BMS4-4	6-20	N,P,ND,NPA	I	ALL	3/8" - 3.0 pcf	9.5mm - 48kg/m³
		BMS4-4	6-25	N,P,ND,NPA	I	ALL	3/8" - 3.7 pcf	9.5mm - 59kg/m³
		BMS4-4	6-30	N,P,ND,NPA	I	ALL	3/8" - 4.2 pcf	9.5mm - 67kg/m³
		BMS4-4	6-40	N,P,ND,NPA	I	ALL	3/8" - 5.4 pcf	9.5mm - 87kg/m³
		BMS4-4	6-50	N,P,ND,NPA	I	ALL	3/8" - 6.5 pcf	9.5mm - 104kg/m³
		BMS4-4	3-60N F20	N	II	B	3/32" - 25.0 pcf	2.36mm - 400kg/m³
		BMS4-4	3-60	NPA	II, III	B	3/32" - 25.0 pcf	2.36mm - 400kg/m³
Boeing	PAA Aluminum Honeycomb - 5056 Alloy	BMS4-25	6-30	ALL	I	ALL	3/8" - 4.2 pcf	9.5mm - 67kg/m³
		BMS4-25	6-40	ALL	I	ALL	3/8" - 5.4 pcf	9.5mm - 87kg/m³
		BMS4-25	2-30	ALL	I	ALL	1/8" - 12.0 pcf	3.2mm - 192kg/m³
Boeing St. Louis	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	MMS 701, 714, 728	N or P	5052, 5056			1/8" - 4.5 pcf	3.2mm - 72kg/m³
		MMS 714, 728	N or P	5056			1/8" - 6.1 pcf	3.2mm - 97kg/m³
		MMS 701, 714, 728	N or P	5052, 5056			1/8" - 8.1 pcf	3.2mm - 130kg/m³
		MMS 714, 728	N or P	5056			1/8" - 10.0 pcf	3.2mm - 160kg/m³
		MMS 701, 714, 728	N or P	5052, 5056			1/8" - 12.0 pcf	3.2mm - 192kg/m³
		MMS 701, 728	N or P	5052, 5056			1/8" - 22.0 pcf	3.2mm - 352kg/m³
		MMS 714, 728	N or P	5056			5/32" - 3.8 pcf	4.0mm - 60kg/m³
		MMS 714, 728	N or P	5056			5/32" - 5.3 pcf	4.0mm - 85kg/m³
		MMS 714, 728	N or P	5056			5/32" - 6.9 pcf	4.0mm - 110kg/m³
		MMS 701, 714, 728	N or P	5052, 5056			3/16" - 3.1 pcf	4.8mm - 50kg/m³
		MMS 701, 714, 728	N or P	5052, 5056			3/16" - 4.4 pcf	4.8mm - 70kg/m³
		MMS 701, 714, 728	N or P	5052, 5056			3/16" - 5.7 pcf	4.8mm - 91kg/m³
		MMS 701, 714, 728	N or P	5052, 5056			1/4" - 2.3 pcf	6.4mm - 37kg/m³
		MMS 714, 728	N or P	5056			1/4" - 3.4 pcf	6.4mm - 54kg/m³
		MMS 714, 728	N or P	5056			1/4" - 4.3 pcf	6.4mm - 69kg/m³
		MMS 701, 728	N or P	5052, 5056			1/4" - 7.9 pcf	6.4mm - 126kg/m³
COMAC	PAA Aluminum Honeycomb - 5052 Alloy	CMS-CP-401	I	I	3.1	B	1/8" - 3.1 pcf	3.2mm - 48kg/m³
		CMS-CP-401	I	I	6.1	B	1/8" - 6.1 pcf	3.2mm - 98kg/m³
		CMS-CP-401	I	I	8.1	B	1/8" - 8.1 pcf	3.2mm - 130kg/m³
		CMS-CP-401	V	I	3.1	B	3/16" - 3.1 pcf	4.8mm - 48kg/m³
Decrane/Pats	Dura-Core® Aluminum Honeycomb - 5052 Alloy	PS-028					1/4" - 7.9 pcf	6.4mm - 126kg/m³
This core has to be slotted on both sides								
General Dynamics	Dura-Core® Honeycomb Core - 5052 Alloy	P190	1B				1/8" - 4.5 pcf	3.2mm - 72kg/m³
		P190	2C				1/8" - 6.1 pcf	3.2mm - 98kg/m³
		P190	1D				1/8" - 8.1 pcf	3.2mm - 130kg/m³

NOTES:

Class N = Non-Perforated Core

Class P = Perforated Core

Class ND = Non-Perforated, High Durability Core

Class NPA = Non-Perforated, Phosphoric Acid Anodized and Prime Core

Grade II - for core having a bisected hexagonal cell configuration

Grade III - for core having a bisected half hexagonal cell configuration

3/32" = bisected 3/16" hexagonal cell configuration

NOTES:

MMS 701 = 5052 Alloy DURA-CORE® Aluminum Honeycomb

MMS 714 = 5056 Alloy DURA-CORE® Aluminum Honeycomb

MMS 728 = 5056 PAA Phosphoric Acid Anodized Honeycomb

TYPE N = Non-Perforated Core

TYPE P = perforated core

5052 and 5056 Aluminum Alloy is shown under CLASS category



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)		
General Dynamics (Cont.)	Dura-Core® Honeycomb Core - 5052 Alloy	P190	2A				3/16" - 3.1 pcf	4.8mm - 50kg/m³		
		P190	2B				3/16" - 4.4 pcf	4.8mm - 70kg/m³		
Goodrich	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	RMS 026	1	1,2,3	2		3/64" - 28.0 pcf	1.2mm - 449kg/m³		
		RMS 026	1	1,2,3	2		3/64" - 55.0 pcf	1.2mm - 881kg/m³		
		RMS 026	1	1,2,3	2		3/32" - 25.0 pcf	2.4mm - 400kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/8" - 3.1 pcf	3.2mm - 50kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/8" - 4.5 pcf	3.2mm - 72kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/8" - 6.1 pcf	3.2mm - 98kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/8" - 8.1 pcf	3.2mm - 130kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/8" - 12.0 pcf	3.2mm - 192kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/8" - 22.1 pcf	3.2mm - 354kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		5/32" - 2.6 pcf	4.0mm - 42kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		5/32" - 3.8 pcf	4.0mm - 61kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		5/32" - 5.3 pcf	4.0mm - 85kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/16" - 2.0 pcf	4.8mm - 32kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/16" - 3.1 pcf	4.8mm - 50kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/16" - 4.4 pcf	4.8mm - 70kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/16" - 5.7 pcf	4.8mm - 91kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/16" - 6.9 pcf	4.8mm - 110kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/16" - 8.1 pcf	4.8mm - 130kg/m³		
		RMS 026	1	1,2,3	2		3/16" - 16.0 pcf	4.8mm - 256kg/m³		
		RMS 026	1	1,2,3	2		3/16" - 25.0 pcf	4.8mm - 400kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 1.6 pcf	6.4mm - 26kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 2.3 pcf	6.4mm - 37kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 3.4 pcf	6.4mm - 54kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 4.3 pcf	6.4mm - 69kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 5.2 pcf	6.4mm - 83kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 6.0 pcf	6.4mm - 96kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		1/4" - 7.9 pcf	6.4mm - 126kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 1.0 pcf	9.5mm - 16kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 1.6 pcf	9.5mm - 26kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 2.3 pcf	9.5mm - 37kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 3.0 pcf	9.5mm - 48kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 3.7 pcf	9.5mm - 59kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 4.2 pcf	9.5mm - 67kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 5.4 pcf	9.5mm - 86kg/m³		
		RMS 026	1 or 2	1,2,3	1 or 2		3/8" - 6.5 pcf	9.5mm - 104kg/m³		
Leonardo	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	MMS 8010	D,P	5052, 5056			1/8" - 3.1 pcf	3.2mm - 50kg/m³		
		MMS 8010	D,P	5052			1/8" - 4.5 pcf	3.2mm - 72kg/m³		
		MMS 8010	D,P	5052			1/8" - 6.1 pcf	3.2mm - 98kg/m³		
		MMS 8010	D,P	5052			1/8" - 8.1 pcf	3.2mm - 130kg/m³		
		MMS 8010	D,P	5052			1/8" - 12.0 pcf	3.2mm - 192kg/m³		
		MMS 8010	D,P	5052			1/8" - 22.1 pcf	3.2mm - 354kg/m³		
		MMS 8010	D,P	5052			3/16" - 2.0 pcf	4.8mm - 32kg/m³		
		MMS 8010	D,P	5052, 5056			3/16" - 3.1 pcf	4.8mm - 50kg/m³		
		MMS 8010	D,P	5052			3/16" - 4.4 pcf	4.8mm - 70kg/m³		
		MMS 8010	D,P	5052			3/16" - 5.7 pcf	4.8mm - 91kg/m³		
		MMS 8010	D,P	5052			3/16" - 8.1 pcf	4.8mm - 130kg/m³		
		MMS 8010	D,P	5052			1/4" - 2.3 pcf	6.4mm - 37kg/m³		
		MMS 8010	D,P	5052			1/4" - 3.4 pcf	6.4mm - 54kg/m³		
		MMS 8010	D,P	5052			1/4" - 4.3 pcf	6.4mm - 69kg/m³		
		MMS 8010	D,P	5052			1/4" - 6.0 pcf	6.4mm - 96kg/m³		
		MMS 8010	D,P	5052			1/4" - 7.9 pcf	6.4mm - 126kg/m³		
		MMS 8010	D,P	5052			3/8" - 4.2 pcf	9.5mm - 67kg/m³		
		NOTES: Type 1 = Honeycomb manufactured from 5052 Aluminum Alloy Foil Type 2 = Honeycomb manufactured from 5056 Aluminum Alloy Foil Class 1 = For Acoustic Structures Class 2 = For Non-Acoustic Structures Class 3 = For 3/8" cell Acoustic Applications with Slotted Core Grade 1 = DURA-CORE® corrosion protective coating Grade 2 = PAA, Phosphoric Acid Anodized protective coating								
		NOTES: All available as either DURA-CORE® or PAA Phosphoric Acid Anodized 5052 and 5056 Aluminum Alloy is shown under CLASS category								

**DURA-CORE® AND PAA-CORE®
METALLIC HONEYCOMB
CUSTOMER QUALIFICATIONS CHART**

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)
Lockheed	Dura-Core® Aluminum Honeycomb - 5052 Alloy	FMS 3010					1/8" - 4.5 pcf	3.2mm - 72kg/m³
		FMS 3010					1/8" - 6.1 pcf	3.2mm - 98kg/m³
		FMS 3010					1/8" - 8.1 pcf	3.2mm - 130kg/m³
		FMS 3010					3/16" - 3.1 pcf	4.8mm - 50kg/m³
		FMS 3010					3/16" - 4.4 pcf	4.8mm - 70kg/m³
Lockheed	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	STM Y1071	II		C		1/8" - 4.5 pcf	3.2mm - 72kg/m³
		STM Y1071	II		C		1/8" - 6.1 pcf	3.2mm - 98kg/m³
		STM Y1071	II		P,C		1/8" - 8.1 pcf	3.2mm - 130kg/m³
		STM Y1071	I, II		P,C		1/8" - 12.0 pcf	3.2mm - 192kg/m³
		STM Y1071	I		C		3/16" - 2.0 pcf	4.8mm - 32kg/m³
		STM Y1071	II		P,C		3/16" - 3.1 pcf	4.8mm - 50kg/m³
		STM Y1071	II		C		3/16" - 3.4 pcf	4.8mm - 54kg/m³
		STM Y1071	II		P,C		3/16" - 4.4 pcf	4.8mm - 70kg/m³
		STM Y1071	I		C		3/16" - 8.1 pcf	4.8mm - 130kg/m³
		STM Y1071	I		C		1/4" - 1.6 pcf	6.4mm - 26kg/m³
		STM Y1071	I, II		P,C		1/4" - 2.3 pcf	6.4mm - 37kg/m³
		STM Y1071	I, II		P,C		1/4" - 3.4 pcf	6.4mm - 54kg/m³
		STM Y1071	I, II		P,C		1/4" - 4.3 pcf	6.4mm - 69kg/m³
		STM Y1071	I, II		P		1/4" - 5.2 pcf	6.4mm - 83kg/m³
		STM Y1071	I		C		1/4" - 7.9 pcf	6.4mm - 126kg/m³
		STM Y1071	I		C		3/8" - 1.0 pcf	9.5mm - 16kg/m³
Northrop Grumman	Dura-Core® Aluminum Honeycomb - 5052 Alloy	GC 100B, GC100F			B		1/8" - 3.1 pcf	3.2mm - 50kg/m³
		GC 100B, GC100F			B		1/8" - 4.5 pcf	3.2mm - 72kg/m³
		GC 100B, GC100F			B		1/8" - 6.1 pcf	3.2mm - 98kg/m³
		GC 100B, GC100F			B		1/8" - 8.1 pcf	3.2mm - 130kg/m³
		GC 100B, GC100F			B		1/8" - 12.0 pcf	3.2mm - 192kg/m³
		GC 100B, GC100F			B		1/8" - 22.1 pcf	3.2mm - 352kg/m³
		GC 100B, GC100F			B		3/16" - 3.1 pcf	4.8mm - 50kg/m³
		GC 100B, GC100F			B		3/16" - 4.4 pcf	4.8mm - 70kg/m³
		GC 100B, GC100F			B		3/16" - 5.7 pcf	4.8mm - 91kg/m³
		GC 100B, GC100F			B		3/16" - 6.9 pcf	4.8mm - 110kg/m³
		GC 100B, GC100F			B		3/16" - 8.1 pcf	4.8mm - 130kg/m³
		GC 100B, GC100F			B		1/4" - 2.3 pcf	6.4mm - 37kg/m³
		GC 100B, GC100F			B		1/4" - 3.4 pcf	6.4mm - 54kg/m³
		GC 100B, GC100F			B		1/4" - 4.3 pcf	6.4mm - 69kg/m³
		GC 100B, GC100F			B		1/4" - 6.0 pcf	6.4mm - 96kg/m³
		GC 100B, GC100F			B		1/4" - 7.9 pcf	6.4mm - 126kg/m³
		GC 100B, GC100F			B		3/8" - 1.6 pcf	9.5mm - 26kg/m³
		GC 100B, GC100F			B		3/8" - 3.0 pcf	9.5mm - 48kg/m³
		GC 100B, GC100F			B		3/8" - 4.2 pcf	9.5mm - 67kg/m³
		GC 100B, GC100F			B		3/8" - 5.4 pcf	9.5mm - 86kg/m³
		GC 100B, GC100F			B		3/8" - 6.5 pcf	9.5mm - 104kg/m³
Northrop Grumman	Dura-Core® Aluminum Honeycomb - 5052 Alloy	NAI-1171					1/8" - 3.1 pcf	3.2mm - 50kg/m³
		NAI-1171					1/8" - 4.5 pcf	3.2mm - 72kg/m³
		NAI-1171					1/8" - 6.1 pcf	3.2mm - 98kg/m³
		NAI-1171					1/8" - 8.1 pcf	3.2mm - 130kg/m³
		NAI-1171					3/16" - 3.1 pcf	4.8mm - 50kg/m³
		NAI-1171					3/16" - 4.4 pcf	4.8mm - 70kg/m³
		NAI-1171					3/16" - 5.7 pcf	4.8mm - 91kg/m³
		NAI-1171					3/16" - 8.1 pcf	4.8mm - 130kg/m³
		NAI-1171					1/4" - 2.3 pcf	6.4mm - 37kg/m³
		NAI-1171					1/4" - 3.4 pcf	6.4mm - 54kg/m³
		NAI-1171					1/4" - 4.3 pcf	6.4mm - 69kg/m³
		NAI-1171					1/4" - 6.0 pcf	6.4mm - 96kg/m³
		NAI-1171					1/4" - 7.9 pcf	6.4mm - 126kg/m³

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)		
MRAS	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/8" - 3.1 pcf	3.2mm - 50kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/8" - 4.5 pcf	3.2mm - 72kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/8" - 6.1 pcf	3.2mm - 98kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/8" - 8.1 pcf	3.2mm - 130kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/8" - 10.0 pcf	3.2mm - 160kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/8" - 12.0 pcf	3.2mm - 192kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		5/32" - 2.6 pcf	4.0mm - 42kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		5/32" - 3.8 pcf	4.0mm - 61kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		5/32" - 5.3 pcf	4.0mm - 85kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		5/32" - 6.9 pcf	4.0mm - 110kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/16" - 2.0 pcf	4.8mm - 32kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/16" - 3.1 pcf	4.8mm - 50kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/16" - 4.4 pcf	4.8mm - 70kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/16" - 5.7 pcf	4.8mm - 91kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/16" - 6.9 pcf	4.8mm - 110kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/16" - 8.1 pcf	4.8mm - 130kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 1.6 pcf	6.4mm - 26kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 2.3 pcf	6.4mm - 37kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 3.4 pcf	6.4mm - 54kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 4.3 pcf	6.4mm - 69kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 5.2 pcf	6.4mm - 83kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 6.0 pcf	6.4mm - 96kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		1/4" - 7.9 pcf	6.4mm - 126kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 1.0 pcf	9.5mm - 16kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 1.6 pcf	9.5mm - 26kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 2.3 pcf	9.5mm - 36kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 3.0 pcf	9.5mm - 48kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 3.7 pcf	9.5mm - 59kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 4.2 pcf	9.5mm - 67kg/m³		
		STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 5.4 pcf	9.5mm - 87kg/m³		
STMM-Y100	Type N or Type P	Class 1 or Class 2	B		3/8" - 6.5 pcf	9.5mm - 104kg/m³				
Raytheon	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	BS 25017		1 or 2	1 or 2		1/8" - 3.1 pcf	3.2mm - 50kg/m³		
		BS 25017		1 or 2	1 or 2		1/8" - 4.5 pcf	3.2mm - 72kg/m³		
		BS 25017		1 or 2	1 or 2		1/8" - 6.1 pcf	3.2mm - 98kg/m³		
		BS 25017		1 or 2	1 or 2		1/8" - 8.1 pcf	3.2mm - 130kg/m³		
		BS 25017		1 or 2	1 or 2		5/32" - 2.6 pcf	4.0mm - 42kg/m³		
		BS 25017		1 or 2	1 or 2		5/32" - 3.8 pcf	4.0mm - 61kg/m³		
		BS 25017		1 or 2	1 or 2		5/32" - 5.3 pcf	4.0mm - 85kg/m³		
		BS 25017		1 or 2	1 or 2		5/32" - 6.9 pcf	4.0mm - 110kg/m³		
		BS 25017		1 or 2	1 or 2		5/32" - 8.4 pcf	4.0mm - 134kg/m³		
		BS 25017		1 or 2	1 or 2		3/16" - 2.0 pcf	4.8mm - 32kg/m³		
		BS 25017		1 or 2	1 or 2		3/16" -3.1 pcf	4.8mm - 50kg/m³		
		BS 25017		1 or 2	1 or 2		3/16" - 4.4 pcf	4.8mm - 70kg/m³		
		BS 25017		1 or 2	1 or 2		3/16" - 5.7 pcf	4.8mm - 91kg/m³		
		BS 25017		1 or 2	1 or 2		3/16" - 6.9 pcf	4.8mm - 110kg/m³		
		BS 25017		1 or 2	1 or 2		3/16" - 8.1 pcf	4.8mm - 130kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 1.6 pcf	6.4mm - 26kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 2.3 pcf	6.4mm - 37kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 3.4 pcf	6.4mm - 54kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 4.3 pcf	6.4mm - 69kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 5.2 pcf	6.4mm - 83kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 6.0 pcf	6.4mm - 96kg/m³		
		BS 25017		1 or 2	1 or 2		1/4" - 7.9 pcf	6.4mm - 126kg/m³		
		BS 25017		1 or 2	1 or 2		3/8" - 1.0 pcf	9.5mm - 16kg/m³		
				NOTES: The STMM-Y100 Material Specification is based upon AMS-C-7438 Class 1 = High Corrosion Resistance Class 2 = Standard Corrosion Resistance Type N = Non-Perforated Core Type P = Perforated Core						
				NOTES: Class 1 = Non-Perforated Core Class 2 = Perforated Core Grade 1 = 5052 Aluminum Alloy Grade 2 = 5056 Aluminum Alloy						



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)
Raytheon (Cont.)	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	BS 25017		1 or 2	1 or 2		3/8" - 1.6 pcf	9.5mm - 26kg/m³
		BS 25017		1 or 2	1 or 2		3/8" - 2.3 pcf	9.5mm - 37kg/m³
		BS 25017		1 or 2	1 or 2		3/8" - 3.0 pcf	9.5mm - 48kg/m³
		BS 25017		1 or 2	1 or 2		3/8" - 3.7 pcf	9.5mm - 59kg/m³
		BS 25017		1 or 2	1 or 2		3/8" - 4.2 pcf	9.5mm - 67kg/m³
		BS 25017		1 or 2	1 or 2		3/8" - 5.4 pcf	9.5mm - 86kg/m³
		BS 25017		1 or 2	1 or 2		3/8" - 6.5 pcf	9.5mm - 104kg/m³
Saab	PAA Aluminum Honeycomb - 5056 Alloy	STD 124230					1/8" - 3.1 pcf	3.2mm - 50kg/m³
		STD 124230					1/8" - 4.5 pcf	3.2mm - 72kg/m³
		STD 124230					1/8" - 6.1 pcf	3.2mm - 98kg/m³
		STD 124230					1/8" - 8.1 pcf	3.2mm - 130kg/m³
		STD 124230					5/32" - 3.8 pcf	4.0mm - 61kg/m³
		STD 124230					1/4" - 3.4 pcf	6.4mm - 54kg/m³
		STD 124230					1/4" - 4.3 pcf	6.4mm - 69kg/m³
STD 124230					1/4" - 5.2 pcf	6.4mm - 83kg/m³		
SAE	Dura-Core® Aluminum Honeycomb - 5052 and 5056 Alloy	AMS 4348, AMS 4349		5052 or 5056			1/8" - 3.1 pcf	3.2mm - 50kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/8" - 4.5 pcf	3.2mm - 72kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/8" - 6.1 pcf	3.2mm - 98kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/8" - 8.1 pcf	3.2mm - 130kg/m³
		AMS 4348, AMS 4349		5052 or 5056			5/32" - 2.6 pcf	4.0mm - 42kg/m³
		AMS 4348, AMS 4349		5052 or 5056			5/32" - 3.8 pcf	4.0mm - 61kg/m³
		AMS 4348, AMS 4349		5052 or 5056			5/32" - 5.3 pcf	4.0mm - 85kg/m³
		AMS 4348, AMS 4349		5052 or 5056			5/32" - 6.9 pcf	4.0mm - 110kg/m³
		AMS 4348, AMS 4349		5052 or 5056			5/32" - 8.4 pcf	4.0mm - 135kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/16" - 2.0 pcf	4.8mm - 32kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/16" - 3.1 pcf	4.8mm - 50kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/16" - 4.4 pcf	4.8mm - 70kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/16" - 5.7 pcf	4.8mm - 91kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/16" - 6.9 pcf	4.8mm - 110kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/16" - 8.1 pcf	4.8mm - 130kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 1.6 pcf	6.4mm - 26kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 2.3 pcf	6.4mm - 37kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 3.4 pcf	6.4mm - 54kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 4.3 pcf	6.4mm - 69kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 5.2 pcf	6.4mm - 83kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 6.0 pcf	6.4mm - 96kg/m³
		AMS 4348, AMS 4349		5052 or 5056			1/4" - 7.9 pcf	6.4mm - 126kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 1.0 pcf	9.5mm - 16kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 1.6 pcf	9.5mm - 26kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 2.3 pcf	9.5mm - 37kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 3.0 pcf	9.5mm - 48kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 3.7 pcf	9.5mm - 59kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 4.2 pcf	9.5mm - 67kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 5.4 pcf	9.5mm - 86kg/m³
		AMS 4348, AMS 4349		5052 or 5056			3/8" - 6.5 pcf	9.5mm - 104kg/m³
SAE	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/8" - 3.1 pcf	3.2mm - 50kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/8" - 4.5 pcf	3.2mm - 72kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/8" - 6.1 pcf	3.2mm - 98kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/8" - 8.1 pcf	3.2mm - 130kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/8" - 10.0 pcf	3.2mm - 160kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/8" - 12.0 pcf	3.2mm - 192kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		5/32" - 2.6 pcf	4.0mm - 42kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		5/32" - 3.8 pcf	4.0mm - 61kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		5/32" - 5.3 pcf	4.0mm - 85kg/m³



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)
SAE (Cont.)	Dura-Core® or PAA Aluminum Honeycomb - 5052 and 5056 Alloy	AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		5/32" - 6.9 pcf	4.0mm - 110kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/16" - 2.0 pcf	4.8mm - 32kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/16" - 3.1 pcf	4.8mm - 50kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/16" - 4.4 pcf	4.8mm - 70kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/16" - 5.7 pcf	4.8mm - 91kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/16" - 6.9 pcf	4.8mm - 110kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/16" - 8.1 pcf	4.8mm - 130kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 1.6 pcf	6.4mm - 26kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 2.3 pcf	6.4mm - 37kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 3.4 pcf	6.4mm - 54kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 4.3 pcf	6.4mm - 69kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 5.2 pcf	6.4mm - 83kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 6.0 pcf	6.4mm - 96kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		1/4" - 7.9 pcf	6.4mm - 126kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 1.0 pcf	9.5mm - 16kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 1.6 pcf	9.5mm - 26kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 2.3 pcf	9.5mm - 36kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 3.0 pcf	9.5mm - 48kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 3.7 pcf	9.5mm - 59kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 4.2 pcf	9.5mm - 67kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 5.4 pcf	9.5mm - 87kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 6.5 pcf	9.5mm - 104kg/m³
		AMS-C-7438	Type N or Type P	Class 1 or Class 2	B		3/8" - 7.6 pcf	9.5mm - 122kg/m³
Safran	PAA Aluminum Honeycomb - 5052 and 5056 Alloy	HMRC 3001	HMDC3000-15	5056		PAA	1/8" - 6.1 pcf	3.2mm - 98kg/m³
		HMRC 3001	HMDC3003-20	5056		PAA	1/8" - 6.1 pcf	3.2mm - 98kg/m³
		HMRC 3001	HMDC3000-10	5056		PAA	1/8" - 8.1 pcf	3.2mm - 130kg/m³
		HMRC 3001	HMDC3003-10	5056		PAA	1/8" - 8.1 pcf	3.2mm - 130kg/m³
		HMRC 3007	HMDC3003-19	5052		PAA	1/8" - 8.1 pcf	3.2mm - 130kg/m³
		HMRC 3007	HMDC3003-21	5052		PAA	1/8" - 6.1 pcf	3.2mm - 98kg/m³
		HMRC 3005	HMDC3004-2	5052		PAA	3/32" - 22.1 pcf	2.4mm - 354kg/m³
		HMRC 3005	HMDC3002-2	5052		PAA	3/32" - 22.1 pcf	2.4mm - 354kg/m³
		HMRC 3001	HMDC3000-7	5056		PAA	3/16" - 4.4 pcf	4.8mm - 70kg/m³
		HMRC 3001	HMDC3003-7	5056		PAA	3/16" - 4.4 pcf	4.8mm - 70kg/m³
		HMRC 3007	HMDC3003-22	5052		PAA	3/16" - 4.4 pcf	4.8mm - 70kg/m³
		HMRC 3001	HMDC3000-8	5056		PAA	3/16" - 5.7 pcf	4.8mm - 91kg/m³
		HMRC 3001	HMDC3003-8	5056		PAA	3/16" - 5.7 pcf	4.8mm - 91kg/m³
		HMRC 3007	HMDC3003-17	5052		PAA	3/16" - 5.7 pcf	4.8mm - 91kg/m³
		HMRC 3007	HMDC3000-11	5052		PAA	3/16" - 8.1 pcf	4.8mm - 130kg/m³
		HMRC 3007	HMDC3003-18	5052		PAA	3/16" - 8.1 pcf	4.8mm - 130kg/m³
		HMRC 3001	HMDC3000-5	5056		PAA	1/4" - 6.0 pcf	6.4mm - 96kg/m³
		HMRC 3001	HMDC3003-5	5056		PAA	1/4" - 6.0 pcf	6.4mm - 96kg/m³
		HMRC 3007	HMDC3003-15	5052		PAA	1/4" - 6.0 pcf	6.4mm - 96kg/m³
		HMRC 3001	HMDC3000-6	5056		PAA	1/4" - 7.9 pcf	6.4mm - 127kg/m³
		HMRC 3001	HMDC3003-6	5056		PAA	1/4" - 7.9 pcf	6.4mm - 127kg/m³
		HMRC 3007	HMDC3003-16	5052		PAA	1/4" - 7.9 pcf	6.4mm - 127kg/m³
		HMRC 3001	HMDC3000 - 1	5056		PAA	3/8" - 3.0 pcf	9.5mm - 48kg/m³
		HMRC 3001	HMDC3003-1	5056		PAA	3/8" - 3.0 pcf	9.5mm - 48kg/m³
		HMRC 3007	HMDC3003-11	5052		PAA	3/8" - 3.0 pcf	9.5mm - 48kg/m³
		HMRC 3001	HMDC3000-2	5056		PAA	3/8" - 4.2 pcf	9.5mm - 67kg/m³
		HMRC 3001	HMDC3003-2	5056		PAA	3/8" - 4.2 pcf	9.5mm - 67kg/m³
		HMRC 3007	HMDC3003-12	5052		PAA	3/8" - 4.2 pcf	9.5mm - 67kg/m³
		HMRC 3001	HMDC3000-3	5056		PAA	3/8" - 5.4 pcf	9.5mm - 86kg/m³
		HMRC 3001	HMDC3003-3	5056		PAA	3/8" - 5.4 pcf	9.5mm - 86kg/m³
		HMRC 3007	HMDC3003-13	5052		PAA	3/8" - 5.4 pcf	9.5mm - 86kg/m³

NOTES:**Class 1** = High Corrosion Resistance**Class 2** = Standard Corrosion Resistance**Type N** = Non-Perforated Core**Type P** = Perforated Core**NOTES:****HMRC 3001** = PAA Phosphoric Acid Anodized, 5056 Alloy Core**HMRC 3005 Corrugated Higrd®** = PAA Phosphoric Acid Anodized, 5052 Alloy Core**HMRC 3007** = PAA, 5052 Alloy Core



THE GILL CORPORATION

**DURA-CORE® AND PAA-CORE®
METALLIC HONEYCOMB
CUSTOMER QUALIFICATIONS CHART**

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Form	Cell Size-Density (English)	Cell Size-Density (Metric)
Safran (Cont.)	PAA Aluminum Honeycomb - 5052 and 5056 Alloy	HMRC 3001	HMDC3000-4	5056		PAA	3/8" - 6.5 pcf	9.5mm - 104kg/m ³
		HMRC 3001	HMDC3003-4	5056		PAA	3/8" - 6.5 pcf	9.5mm - 104kg/m ³
		HMRC 3007	HMDC3000-14	5052		PAA	3/8" - 6.5 pcf	9.5mm - 105kg/m ³
		HMRC 3007	HMDC3003-14	5052		PAA	3/8" - 6.5 pcf	9.5mm - 105kg/m ³
		HMRC 3003	HMDC3006-1, over-expanded	5056		PAA	3/16" - 4.4pcf	4.8mm - 70kg/m ³
		HMRC 3003	HMDC3001-1, over-expanded	5056		PAA	3/16" - 4.4pcf	4.8mm - 70kg/m ³
		HMRC 3003	HMDC3006-3, over-expanded	5052		PAA	3/16" - 8.1pcf	4.8mm - 130kg/m ³
		HMRC 3003	HMDC3001-3, over-expanded	5052		PAA	3/16" - 8.1pcf	4.8mm - 130kg/m ³
		HMRC 3003	HMDC3006-4, over-expanded	5052		PAA	3/16" - 4.4pcf	4.8mm - 70kg/m ³
		HMRC 3003	HMDC3006-5, maxi-expanded	5056		PAA	3/16" - 4.4pcf	4.8mm - 70kg/m ³
		HMRC 3003	HMDC3001-5, maxi-expanded	5056		PAA	3/16" - 4.4pcf	4.8mm - 70kg/m ³
		HMRC 3003	HMDC3006-7, maxi-expanded	5052		PAA	3/16" - 8.1pcf	4.8mm - 130kg/m ³
		HMRC 3003	HMDC3001-7, maxi-expanded	5052		PAA	3/16" - 8.1pcf	4.8mm - 130kg/m ³
		HMRC 3003	HMDC3006-8, maxi-expanded	5052		PAA	3/16" - 4.4pcf	4.8mm - 70kg/m ³
Sonaca	Dura-Core® Aluminum Honeycomb - 5052 and 5056 Alloy	SMS1003		5052		DURA-CORE®	1/8" - 6.1 pcf	3.2mm - 96kg/m ³
		SMS1005		5056		DURA-CORE®	5/32" - 2.6 pcf	4.0mm - 42kg/m ³
		SMS1003/SMS1005		5052 or 5056		DURA-CORE®	5/32" - 3.8 pcf	4.0mm - 61kg/m ³
		SMS1003		5052		DURA-CORE®	5/32" - 5.3 pcf	4.0mm - 85kg/m ³
		SMS1003		5052		DURA-CORE®	3/16" - 3.1 pcf	4.8mm - 50kg/m ³
		SMS1003		5052		DURA-CORE®	1/4" - 4.3 pcf	6.4mm - 69kg/m ³
		11014180-1	NEX	5052		DURA-CORE®	1/8" - 3.1 pcf	3.2mm - 50kg/m ³
		10903820-5		5052		DURA-CORE®	1/8" - 4.5 pcf	3.2mm - 72kg/m ³
		10903820-5		5052		DURA-CORE®	1/8" - 6.1 pcf	3.2mm - 98kg/m ³
		11014180-1	NEX	5052		DURA-CORE®	1/8" - 6.1 pcf	3.2mm - 98kg/m ³
		10903820-5		5052		DURA-CORE®	3/16" - 2.0 pcf	4.8mm - 32kg/m ³
		11014180-1	NEX	5052		DURA-CORE®	3/16" - 2.0 pcf	4.8mm - 32kg/m ³
		10903820-5		5056		DURA-CORE®	1/4" - 1.6 pcf	6.4mm - 26kg/m ³
		11014180-1	NEX	5056		DURA-CORE®	1/4" - 1.6 pcf	6.4mm - 26kg/m ³
		10903820-5		5056		PAA	3/8" - 1.0 pcf	9.5mm - 16kg/m ³
		11014180-1	NEX	5056		PAA	3/8" - 1.0 pcf	9.5mm - 16kg/m ³

NOTES:

SMS 1003 = 5052 Aluminum Alloy

SMS 1005 = 5056 Aluminum Alloy

Type NEX = Unexpanded Slices

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HIGH PERFORMANCE COMPOSITE PRODUCTS SINCE 1945

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