



GILLCORE® HD META-ARAMID HONEYCOMB CUSTOMER QUALIFICATIONS CHART (NOMEX®)

Gilcore® HD is 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.

Gilcore® HD Meta-aramid honeycomb processes fully meet the requirements of SAE Aerospace Materials Standard AMS 3711. Our honeycomb can be manufactured to various configurations, with cell sizes ranging from 1/8" to 3/8" and densities from 1.5 PCF up to 9 PCF, and other custom configurations as requested.

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Cell Size-Density (English)	Cell Size-Density (Metric)
Aim Aviation	HD132	AIM-M-1002-1	1	30	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Aim Aviation	HD132	AIM-M-1002	1	3	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Aim Aviation	HD132	AMS13	1	30	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Airbus	HD132	ABS5035A4	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Airbus	HD142	ABS5035A6	-	-	-	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Airbus	HD163	ABS5035C3	-	-	-	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Airbus	HD193	ABS5035C6	-	-	-	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Airbus	HD183L	ABS5035C5	-	-	-	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Alenia Aermacchi	HD142	MMS8011	EX	-	-	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Alenia Aermacchi	HD132	MMS8011	EX	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Alenia Aermacchi	HD332O	MMS8011	OX	-	-	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
Alenia Aermacchi	HD111	MMS8011	EX	-	-	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Alenia Aermacchi	HD163	MMS8011	EX	-	-	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Alenia Aermacchi	HD193	MMS8011	EX	-	-	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Alenia Aermacchi	HD332	MMS8011	EX	-	-	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Alenia Aermacchi	HD322	MMS8011	EX	-	-	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Alenia Aermacchi	HD312O	MMS8011	OX	-	-	3/16" - 1.8pcf OX	4.8mm - 29kg/m ³
Alenia Aermacchi	HD533	MMS8011	EX	-	-	3/8" - 3.0pcf	9.5mm - 48kg/m ³
Alenia Aermacchi	HD412	MMS8011	EX	-	-	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Alenia Aermacchi	HD183	MMS8011	EX	-	-	1/8" - 8.0pcf	3.2mm - 128kg/m ³
AVIC	HD132	ZMS1974	3	2	A	1/8" - 3.0pcf	3.2mm - 48kg/m ³
AVIC	HD132	AMMS3502	V	1	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
AVIC	HD332O	AMMS3502	VI	1	3	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
BAE Systems Control	HD343	SM628155	1	4	4	3/16" - 4.0pcf	4.8mm - 64kg/m ³
BAE Systems Control	HD132	SM628155	V	4	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
BAE Systems Control	HD142	SM628155	V	4	4	1/8" - 4.0pcf	3.2mm - 64kg/m ³
BAE Systems Control	HD193	SM628155	V	4	9	1/8" - 9.0pcf	3.2mm - 144kg/m ³
BAE Systems Control	HD322	SM628155	1	4	2	3/16" - 2.0pcf	4.8mm - 32kg/m ³
BAE Systems Control	HD332	SM628155	1	4	3	3/16" - 3.0pcf	4.8mm - 48kg/m ³
BAE Systems Control	HD412	SM628155	II	4	1.5	1/4" - 1.5pcf	6.4mm - 24kg/m ³
BAE Systems Control	HD153	SM628155	V	4	5	1/8" - 5.0pcf	3.2mm - 80kg/m ³
BAE Systems Control	HD183	SM628155	V	4	8	1/8" - 8.0pcf	3.2mm - 128kg/m ³



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Cell Size-Density (English)	Cell Size-Density (Metric)
Bell Helicopter	HD153	299-947-103	I	II	I	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Bell Helicopter	HD183	299-947-103	I	II	I	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Bell Helicopter	HD3033	299-947-103	I	II	I	3/16" - 4.5pcf	4.8mm - 72kg/m ³
Bell Helicopter	HD312	299-947-103	I	II	I	3/16" - 1.8pcf	4.8mm - 29kg/m ³
Bell Helicopter	HD332	299-947-103	I	II	I	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Bell Helicopter	HD111	299-947-103	I	II	I	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Bell Helicopter	HD132	299-947-103	I	II	I	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Bell Helicopter	HD142	299-947-103	I	II	I	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Bell Helicopter	HD193	299-947-103	I	II	I	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Bell Helicopter	HD163	299-947-103	1	2	1	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Bell Helicopter	HD343	299-947-103	I	2	I	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Bell Helicopter	HD332O	299-947-103	1	2	1	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
Bell Helicopter	HD422	299-947-103	1	2	1	1/4" - 2.0pcf	6.4mm - 32kg/m ³
Bell Helicopter	HD312O	299-947-103	II	II	I	3/16" - 1.8pcf OX	4.8mm - 29kg/m ³
Bell Helicopter	HD365	299-947-103	I	II	I	3/16" - 6.0pcf	4.8mm - 96kg/m ³
Bell Helicopter	HD412	299-947-103	1	2	1	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Bell Helicopter	HD432	299-947-103	1	2	1	1/4" - 3.0pcf	6.4mm - 48kg/m ³
Bell Helicopter	HD412OX	299-947-103	1	2	1	1/4" - 1.5pcf OX	6.4mm - 24kg/m ³
Bell Helicopter	HD422OX	299-947-103	1	2	1	1/4" - 2.0pcf OX	6.4mm - 48kg/m ³
Bell Helicopter	HD432OX	299-947-103	1	2	1	1/4" - 3.0pcf OX	6.4mm - 48kg/m ³
Bell Helicopter	HD322	299-947-103	I	II	1	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Boeing	HD322	BMS8-124	I	4	2	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Boeing	HD332	BMS8-124	I	4	3	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Boeing	HD412	BMS8-124	II	4	1.5	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Boeing	HD153	BMS8-124; D210-12012-1	V	4	5	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Boeing	HD183	BMS8-124	V	4	8	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Boeing	HD312O	BMS8-124	VI	4	1.8	3/16" - 1.8pcf OX	4.8mm - 29kg/m ³
Boeing	HD343	BMS8-124	I	4	4	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Boeing	HD132	BMS8-124; D210-12012-1	V	4	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Boeing	HD142	BMS8-124; D210-12012-1	V	4	4	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Boeing	HD193	BMS8-124	V	4	9	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Boeing	HD332O	BMS8-124	VI	4	3	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
Boeing	HD111	BMS8-124	V	4	1.8	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Bombardier	HD132	SMS35	1	1	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Bombardier	HD533	SMS35	4	1	-	3/8" - 3.0pcf	9.5mm - 48kg/m ³
Britax Heath Tecna	HD193	HMS-B3-001	III	1	9	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Britax Heath Tecna	HD183	HMS-B3-001	III	1	8	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Britax Heath Tecna	HD312O	HMS-B3-001	IV	1	1.8	3/16" - 1.8pcf OX	4.8mm - 29kg/m ³
Britax Heath Tecna	HD111	HMS-B3-001	III	1	1.8	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Britax Heath Tecna	HD132	HMS-B3-001	III	1	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Britax Heath Tecna	HD332O	HMS-B3-001	IV	1	3	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Cell Size-Density (English)	Cell Size-Density (Metric)
C & D Zodiac	HD186	CDM020-01	3	1	A	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Cessna	HD132	CMNP083	II	4	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Cessna	HD111	CMNP083	II	4	1.8	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Cessna	HD163	CMNP083	II	4	6	1/8" - 6.0pcf	3.2mm - 96kg/m ³
COMAC	HD343	CMS-CP-402	I	1	4	3/16" - 4.0pcf	4.8mm - 64kg/m ³
COMAC	HD132	CMS-CP-402	V	1	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
COMAC	HD142	CMS-CP-402	V	1	4	1/8" - 4.0pcf	3.2mm - 64kg/m ³
COMAC	HD332O	CMS-CP-402	VI	1	3	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
COMAC	HD332	CMS-CP-402	I	1	3	3/16" - 3.0pcf	4.8mm - 48kg/m ³
De Havilland	HD153	DHMS1.26	-	-	-	1/8" - 5.0pcf	3.2mm - 80kg/m ³
De Havilland	HD183	DHMS1.26	-	-	-	1/8" - 8.0pcf	3.2mm - 128kg/m ³
De Havilland	HD322	DHMS1.26	-	-	-	3/16" - 2.0pcf	4.8mm - 32kg/m ³
De Havilland	HD332	DHMS1.26	-	-	-	3/16" - 3.0pcf	4.8mm - 48kg/m ³
De Havilland	HD111	DHMS1.26	-	-	-	1/8" - 1.8pcf	3.2mm - 29kg/m ³
De Havilland	HD132	DHMS1.26	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
De Havilland	HD142	DHMS1.26	-	-	-	1/8" - 4.0pcf	3.2mm - 64kg/m ³
De Havilland	HD163	DHMS1.26	-	-	-	1/8" - 6.0pcf	3.2mm - 96kg/m ³
De Havilland	HD332O	DHMS1.26	-	-	-	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
De Havilland	HD312O	DHMS1.26	-	-	-	3/16" - 1.8pcf OX	4.8mm - 29kg/m ³
Delta	HD132	DFPMS-0002	1	1	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Delta	HD193	DFPMS-0002	1	2	-	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Delta	HD332O	DFPMS-0002	2	1	-	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
Driessen	HD332	SMS015	43906	-	3.0#	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Driessen	HD132	SMS015-1	43838	-	3.0#	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Embraer	HD163	MEP15-010	I	1	6	1/8" - 6.0pcf	3.2mm - 96kg/m ³
FACC AG	HD153	FMS1030	V	4	5	1/8" - 5.0pcf	3.2mm - 80kg/m ³
FACC AG	HD2092	FMS1030	VII	4	2.3	5/32" - 2.3pcf	4.0mm - 37kg/m ³
FACC AG	HD322	FMS1030	I	4	2	3/16" - 2.0pcf	4.8mm - 32kg/m ³
FACC AG	HD193	FMS1030	V	4	9	1/8" - 9.0pcf	3.2mm - 144kg/m ³
FACC AG	HD132	FMS1030	V	4	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
FACC AG	HD111	FMS1030	V	4	1.8	1/8" - 1.8pcf	3.2mm - 29kg/m ³
FACC AG	HD1062	FMS1030	-	-	-	1/8" - 2.5pcf	3.2mm - 40kg/m ³
Israel Aircraft	HD322	MS080020E	1	II	2	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Israel Aircraft	HD332	MS080020E	I	II	3	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Israel Aircraft	HD412	MS080020E	II	II	1.5	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Israel Aircraft	HD153	MS080020E	V	II	5	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Israel Aircraft	HD183	MS080020E	V	II	8	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Israel Aircraft	HD343	MS080020E	I	II	4	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Israel Aircraft	HD132	MS080020E	V	II	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Israel Aircraft	HD142	MS080020E	V	II	4	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Israel Aircraft	HD193	MS080020E	V	II	9	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Jamco	HD132	MSJ-2011	V	4	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Jamco	HD332O	MSJ-2011	VI	4	3	3/16" - 3.0pcf OX	4.8mm - 48kg/m ³
KAI	HD111	88MS0010	1	2	1.8	1/8" - 1.8pcf	3.2mm - 29kg/m ³



**GILLCORE® HD
META-ARAMID HONEYCOMB
CUSTOMER QUALIFICATIONS
CHART (NOMEX®)**

Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Cell Size-Density (English)	Cell Size-Density (Metric)
KAI	HD132	88MS0010	1	2	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
KAI	HD142	88MS0010	1	2	4	1/8" - 4.0pcf	3.2mm - 64kg/m ³
KAI	HD193	88MS0010	1	2	9	1/8" - 9.0pcf	3.2mm - 144kg/m ³
KAI	HD343	88MS0010	1	3	4	3/16" - 4.0pcf	4.8mm - 64kg/m ³
KAI	HD153	88MS0010	1	2	5	1/8" - 5.0pcf	3.2mm - 80kg/m ³
KAI	HD183	88MS0010	1	2	8	1/8" - 8.0pcf	3.2mm - 128kg/m ³
KAI	HD322	88MS0010	1	3	2	3/16" - 2.0pcf	4.8mm - 32kg/m ³
KAI	HD332	88MS0010	1	3	3	3/16" - 3.0pcf	4.8mm - 48kg/m ³
KAI	HD412	88MS0010	1	4	1.5	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Lockheed	HD183	LCM28-1041	-	-	-	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Lockheed	HD322	LCM28-1041	-	-	-	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Lockheed	HD365	LCM28-1041	-	-	-	3/16" - 6.0pcf	4.8mm - 96kg/m ³
Lockheed	HD412	LCM28-1041	-	-	-	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Lockheed	HD432	LCM28-1041	-	-	-	1/4" - 3.1pcf	6.4mm - 50kg/m ³
Lockheed	HD445	LCM28-1041	-	-	-	1/4" - 4.0pcf	6.4mm - 64kg/m ³
Lockheed	HD532	LCM28-1041	-	-	-	3/8" - 3.0pcf	9.5mm - 48kg/m ³
Lockheed	HD111C	G28001	1/8-1.8	-	A or B	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Lockheed	HD132C	G28001	1/8-3.0	-	A	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed	HD142C	G28001	1/8-3.5	-	A or B	1/8" - 3.5pcf	3.2mm - 56kg/m ³
Lockheed	HD142C	G28001	1/8-4.0	-	A or B	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Lockheed	HD153C	G28001	1/8-5.0	-	A or B	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Lockheed	HD163C	G28001	1/8-6.0	-	A or B	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Lockheed	HD183C	G28001	1/8-8.0	-	A or B	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Lockheed	HD322C	G28001	3/16-2.0	-	A or B	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Lockheed	HD332C	G28001	3/16-3.0	-	A or B	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Lockheed	HD343C	G28001	3/16-4.0	-	A or B	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Lockheed	HD422C	G28001	1/4-2.0	-	A or B	1/4" - 2.0pcf	6.4mm - 32kg/m ³
Lockheed	HD445C	G28001	1/4-4.0	-	A or B	1/4" - 4.0pcf	6.4mm - 64kg/m ³
Lockheed	HD445C	G28001	1/4-4.8	-	A or B	1/4" - 4.8pcf	6.4mm - 77kg/m ³
Lockheed	HD173C	G28001	1/8-12.0	-	A or B	1/8" - 12.0pcf	3.2mm - 192kg/m ³
Lockheed	HD153	LCM28-1041	-	-	-	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Lockheed	HD132C	LMA-MD013	1/8-3.0	-	A	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed	HD142C	LMA-MD013	1/8-3.5	-	A	1/8" - 3.5pcf	3.2mm - 56kg/m ³
Lockheed	HD153C	LMA-MD013	1/8-5.0	-	A or B	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Lockheed	HD183	LMA-MD013	1/8-8.0	-	B	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Lockheed	HD173	LMA-MD013	1/8-12.0	-	A or B	1/8" - 12.0pcf	3.2mm - 192kg/m ³
Lockheed	HD322	LMA-MD013	3/16-2.0	-	A or B	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Lockheed	HD332	LMA-MD013	3/16-3.0	-	A or B	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Lockheed	HD445	LMA-MD013	1/4-4.0	-	A or B	1/4" - 4.0pcf	6.4mm - 64kg/m ³
Lockheed	HD445	LMA-MD013	1/4-4.8	-	A or B	1/4" - 4.8pcf	6.4mm - 77kg/m ³
Lockheed	HD132O	G28009	-	-	-	1/8" - 3.0pcf OX	3.2mm - 48kg/m ³
Lockheed	HD111	LCM28-1041	-	-	-	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Lockheed	HD132	LCM28-1041	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed	HD142	LCM28-1041	-	-	-	1/8" - 4.0pcf	3.2mm - 64kg/m ³



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Cell Size-Density (English)	Cell Size-Density (Metric)
Lockheed	HD193	LCM28-1041	-	-	-	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Lockheed	HD343	LCM28-1041	-	-	-	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Lockheed	HD422	LCM28-1041	-	-	-	1/4" - 2.0pcf	6.4mm - 32kg/m ³
Lockheed	HD132	G28001	1/8-3.0	-	B	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed	HD111	LMA-MD013	1/8-1.8	-	A or B	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Lockheed	HD132	LMA-MD013	1/8-3.0	-	B	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed	HD142	LMA-MD013	1/8-3.5	-	B	1/8" - 3.5pcf	3.2mm - 56kg/m ³
Lockheed	HD142	LMA-MD013	1/8-4.0	-	A or B	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Lockheed	HD163	LMA-MD013	1/8-6.0	-	A	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Lockheed	HD1012C	G28001	1/8-3.5	-	B	1/8" - 3.5pcf	3.2mm - 56kg/m ³
Lockheed	HD4053C	G28001	1/4-4.8	-	A or B	1/4" - 4.8pcf	6.4mm - 77kg/m ³
Lockheed	HD163	LMA-MD013	1/8-6.0	-	B	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Lockheed	HD343	LMA-MD013	3/16-4.0	-	A or B	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Lockheed	HD422	LMA-MD013	1/4-2.0	-	A or B	1/4" - 2.0pcf	6.4mm - 32kg/m ³
Lockheed	HD132W	G28001	1/8-3.0	-	A	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed	HD142W	G28001	1/8-4.0	-	A	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Lockheed	HD183C	LMA-MD013	1/8-8.0	-	A	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Lockheed-Georgia	HD322	STM28-105	-	-	-	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Lockheed-Georgia	HD332	STM28-105	-	-	-	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Lockheed-Georgia	HD412	STM28-105	-	-	-	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Lockheed-Georgia	HD432	STM28-105	-	-	-	1/4" - 3.0pcf	6.4mm - 48kg/m ³
Lockheed-Georgia	HD445	STM28-105	-	-	-	1/4" - 4.0pcf	6.4mm - 64kg/m ³
Lockheed-Georgia	HD111	STM28-105	-	-	-	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Lockheed-Georgia	HD132	STM28-105	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Lockheed-Georgia	HD142	STM28-105	-	-	-	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Lockheed-Georgia	HD343	STM28-105	-	-	-	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Lockheed-Georgia	HD422	STM28-105	-	-	-	1/4" - 2.0pcf	6.4mm - 32kg/m ³
McDonnell Douglas	HD3035	DMS1974	2	1	A	3/16" - 4.5pcf	4.8mm - 72kg/m ³
McDonnell Douglas	HD434	DMS1974	1	1	A	1/4" - 3.0pcf	6.4mm - 48kg/m ³
McDonnell Douglas	HD445	DMS1974	1	1	A	1/4" - 4.0pcf	6.4mm - 64kg/m ³
McDonnell Douglas	HD412	DMS1974	1	2	A	1/4" - 1.5pcf	6.4mm - 24kg/m ³
McDonnell Douglas	HD432	DMS1974	1	2	A	1/4" - 3.0pcf	6.4mm - 48kg/m ³
McDonnell Douglas	HD3024	DMS1974	2	1	A	3/16" - 4.2pcf	4.8mm - 67kg/m ³
McDonnell Douglas	HD345	DMS1974	2	1	A	3/16" - 4.0pcf	4.8mm - 64kg/m ³
McDonnell Douglas	HD365	DMS1974	2	1	A	3/16" - 6.0pcf	4.8mm - 96kg/m ³
McDonnell Douglas	HD322	DMS1974	2	2	A	3/16" - 2.0pcf	4.8mm - 32kg/m ³
McDonnell Douglas	HD332	DMS1974	2	2	A	3/16" - 3.0pcf	4.8mm - 48kg/m ³
McDonnell Douglas	HD3013	DMS1974	2	2	A	3/16" - 3.5pcf	4.8mm - 56kg/m ³
McDonnell Douglas	HD153	DMS1974	3	2	A	1/8" - 5.0pcf	3.2mm - 80kg/m ³
McDonnell Douglas	HD183	DMS1974	3	2	A	1/8" - 8.0pcf	3.2mm - 128kg/m ³
McDonnell Douglas	HD1012	DMS1974	3	2	A	1/8" - 3.5pcf	3.2mm - 56kg/m ³
McDonnell Douglas	HD422	DMS1974	1	2	A	1/4" - 2.0pcf	6.4mm - 32kg/m ³
McDonnell Douglas	HD343	DMS1974	2	2	A	3/16" - 4.0pcf	4.8mm - 64kg/m ³
McDonnell Douglas	HD111	DMS1974	3	2	A	1/8" - 1.8pcf	3.2mm - 29kg/m ³



Original Equipment Manufacturer	Product	Specification	Type	Class	Grade	Cell Size-Density (English)	Cell Size-Density (Metric)
McDonnell Douglas	HD132	DMS1974	3	2	A	1/8" - 3.0pcf	3.2mm - 48kg/m ³
McDonnell Douglas	HD142	DMS1974	3	2	A	1/8" - 4.0pcf	3.2mm - 64kg/m ³
McDonnell Douglas	HD193	DMS1974	3	2	A	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Nordam	HD132	NMD-MS3031	5	IV	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Northrop Grumman	HD183	GC101D11	I	-	-	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Northrop Grumman	HD433	GC101D20	I	-	-	1/4" - 3.0pcf	6.4mm - 48kg/m ³
Northrop Grumman	HD153	GC101D19	I	-	-	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Northrop Grumman	HD132	GC101D02	I	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Northrop Grumman	HD163	GC101D08	I	-	-	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Orlite	HD132	2274-14-00	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Orlite	HD132	2274-15-00	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Raytheon Aircraft	HD153	BS23732	-	-	-	1/8" - 5.0pcf	3.2mm - 80kg/m ³
Raytheon Aircraft	HD183	BS23732	-	-	-	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Raytheon Aircraft	HD322	BS23732	-	-	-	3/16" - 2.0pcf	4.8mm - 32kg/m ³
Raytheon Aircraft	HD332	BS23732	-	-	-	3/16" - 3.0pcf	4.8mm - 48kg/m ³
Raytheon Aircraft	HD345	BS23732	-	-	-	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Raytheon Aircraft	HD365	BS23732	-	-	-	3/16" - 6.0pcf	4.8mm - 96kg/m ³
Raytheon Aircraft	HD412	BS23732	-	-	-	1/4" - 1.5pcf	6.4mm - 24kg/m ³
Raytheon Aircraft	HD432	BS23732	-	-	-	1/4" - 3.0pcf	6.4mm - 48kg/m ³
Raytheon Aircraft	HD445	BS23732	-	-	-	1/4" - 4.0pcf	6.4mm - 64kg/m ³
Raytheon Aircraft	HD512	BS23732	-	-	-	3/8" - 1.8pcf	9.5mm - 29kg/m ³
Raytheon Aircraft	HD522	BS23732	-	-	-	3/8" - 2.0pcf	9.5mm - 32kg/m ³
Raytheon Aircraft	HD532	BS23732	-	-	-	3/8" - 3.0pcf	9.5mm - 48kg/m ³
Raytheon Aircraft	HD111	BS23732	-	-	-	1/8" - 1.8pcf	3.2mm - 29kg/m ³
Raytheon Aircraft	HD132	BS23732	-	-	-	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Raytheon Aircraft	HD142	BS23732	-	-	-	1/8" - 4.0pcf	3.2mm - 64kg/m ³
Raytheon Aircraft	HD163	BS23732	-	-	-	1/8" - 6.0pcf	3.2mm - 96kg/m ³
Raytheon Aircraft	HD193	BS23732	-	-	-	1/8" - 9.0pcf	3.2mm - 144kg/m ³
Raytheon Aircraft	HD343	BS23732	-	-	-	3/16" - 4.0pcf	4.8mm - 64kg/m ³
Raytheon Aircraft	HD422	BS23732	-	-	-	1/4" - 2.0pcf	6.4mm - 32kg/m ³
Vought	HD183	207-8-430	I	3	8	1/8" - 8.0pcf	3.2mm - 128kg/m ³
Vought	HD132	207-8-430	I	3	3	1/8" - 3.0pcf	3.2mm - 48kg/m ³
Vought	HD163	207-8-430	I	3	6	1/8" - 6.0pcf	3.2mm - 96kg/m ³

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