

M-Block

M-Blocks are a high-density fiberglass product used for two primary purposes. First, as pipe support in building insulation this product is placed between the pipe and hanger to absorb vibration and expansion/contraction shock. Second, this product can be placed under concrete floors and around subways to absorb shock vibrations of its surroundings.

TYPICAL USES

- Flooring
- Office furniture and workplace

FEATURES

- High-end thermal performance
- High-end acoustical performance
- Durable
- Low tooling costs
- Allows repeatable end-use installation
- Fire retardant
- Dimensionally stable
- Custom sizes
- Resists aging
- Non-corrosive
- High-end thermal conductivity
- Impact resistance

AVAILABILITY

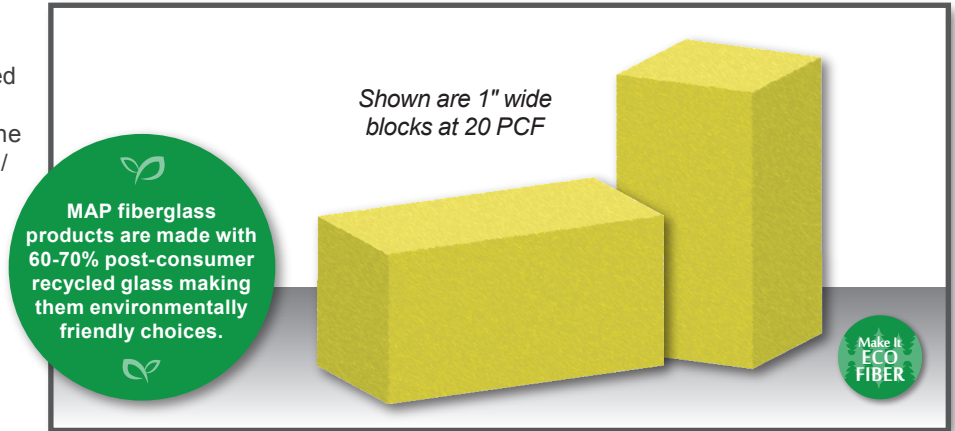
Molding Medias

MAP is a compression molder of many medias, inquire for custom options.

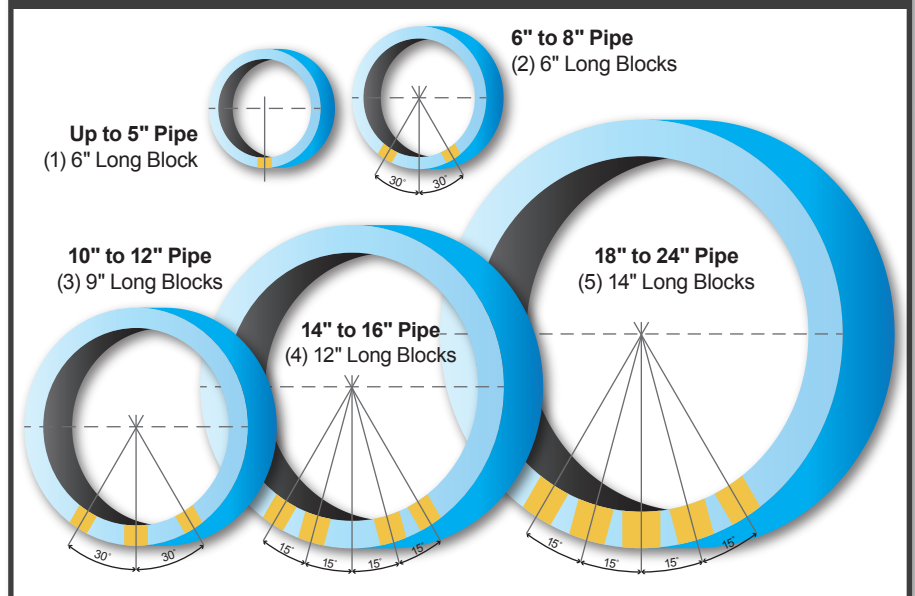


PHYSICAL PROPERTIES

Property	Specification
Density	Any up to 20 PCF
Thickness	One layer up to 2 in Composites up to 4 in
Service Temperature ASTM C411	-150°F to 450°F (-101°C to 232°C)
Thermal Conductivity ASTM C518	Stable k factor (non-deteriorating) 0.23 Btu*in/hr*ft ² *F at 75°F (24°C) mean
Flammability ASTM E84	Class A 25 Flame Spread/50 Smoke Developed
Safety	Non-combustible
Moisture Absorption ASTM C1104	0.2% by volume 96 hrs at 120°F (49°C) and 95% RH
Shrinkage/ Expansion	None; dimensionally stable
Corrosiveness ASTM C665	Does not cause or accelerate corrosion
Alkalinity	pH 9
Compression Strength Deflection at 30 psi	Nominal 5%
at 80 psi	Nominal 10%



RECOMMENDED PLACEMENT (Not to Scale)



Pipe Size	Width of Block	Length of Block	Number of Blocks Required	Max Support at 5% Deflection Formula: W x L x # x 30 psi	Max Support at 10% Deflection Formula: W x L x # x 80 psi
Up to 5"	1"	6"	1	180 lbs	480 lbs
	1½"		1	270 lbs	720 lbs
	2"		1	360 lbs	960 lbs
6" to 8"	1"	6"	2	360 lbs	960 lbs
	1½"		2	540 lbs	1440 lbs
	2"		2	720 lbs	1920 lbs
10" to 12"	1½"	9"	3	1215 lbs	3240 lbs
	2"		3	1620 lbs	4320 lbs
	2½"		3	2025 lbs	5400 lbs
14" to 16"	1½"	12"	4	2160 lbs	5760 lbs
	2"		4	2880 lbs	7680 lbs
	2½"		4	3600 lbs	9600 lbs
18" to 24"	2"	14"	5	4200 lbs	11200 lbs
	2½"		5	5250 lbs	14000 lbs
	3"		5	6300 lbs	16800 lbs

MAP of Easton, Inc.
3 Danforth Drive
Easton, PA 18045
Phone: 610-253-7135
Fax: 610-253-1664

Clarksdale, Mississippi
600 Highway #322
Clarksdale, MS 38614

Granger, Indiana
13065 Anderson Rd
Granger, IN 46530

Elkhart, Indiana
3733 Lexington Park Dr
Elkhart, IN 46514

Made in the USA

www.MapEaston.com
Email: sales@mapeaston.com

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Contact us for pricing today!