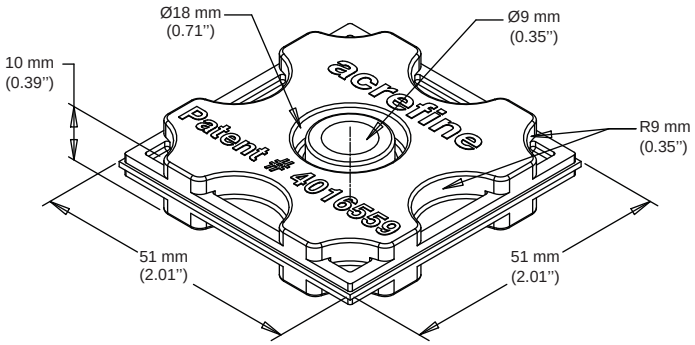
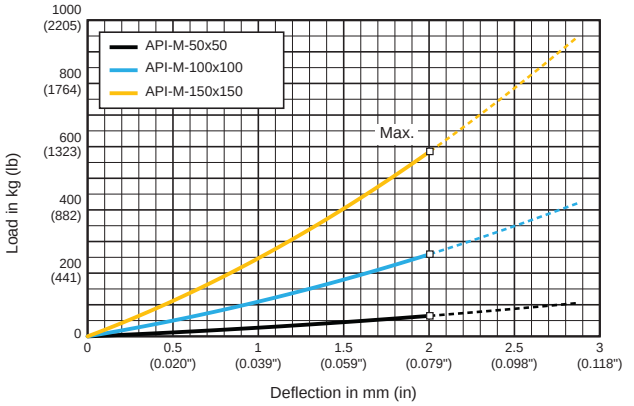
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REV	DESCRIPTION	DATE	BY	APP'L
5	Logo, notes, table and graphs updated.	28.10.2026	MMD	EK



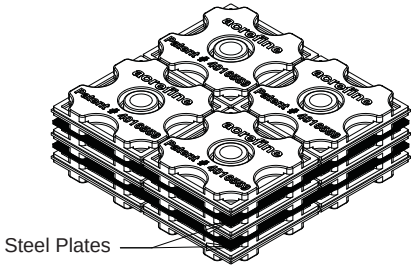
APPROVED
EK
28.10.2026
CAD
DRAWING

Load - Deflection Graph



PRODUCT CODE	PAD PROPERTIES			
	METRIC		IMPERIAL	
	Std. Size (L x W) (mm)	Load Capacity (kg)	Std. Size (L x W) (in)	Load Capacity (lb)
API-M-50x50	50x50	65	2x2	143
API-M-100x100	100x100	260	4x4	573
API-M-150x150	150x150	585	6x6	1290
API-M-200x200	200x200	1040	8x8	2293
API-M-250x250	250x250	1625	10x10	3583
API-M-300x300	300x300	2340	12x12	5159
API-M-350x350	350x350	3185	14x14	7022

Stacked Pads



Product Code Example

API	-	M	3	-	100	x	100
							Width in mm
					Length in mm		
			Number of stacked pads (omit for a single pad)				
		Modular type					
Acrefine pad isolator series							

NOTES:
1. Recommended max. loading for a single module is 65 kg (143 lb), i.e. 255 kPa (37 psi).
2. Unloaded pad thickness (H) is 10.00 mm (3/8"). Deflection at maximum load is 2.00 mm (0.08").
3. Full sheet size is 357x357 mm (14"x14"), including cut allowance for the listed cut sizes.
4. Pads must be used in full modules.
5. Pads must be installed per Installation Instruction 9201.
6. For more information, watch the product video at:

https://www.youtube.com/watch?v=XQ5pmC_qQpo

POD
PERFORMANCE OUTLINE DRAWING

API-M Type Modular Rubber Pad

ACREFINE ENGINEERING

PROJECT INFORMATION					
CUSTOMER		PROJECT NAME		DRAWING No.	8351	REV
ENGINEER				DRAWN BY	MMD	5
DATE		LOCATION		DATE	28.10.2026	
PROJECT No.				SCALE	NTS	Page 1 of 2

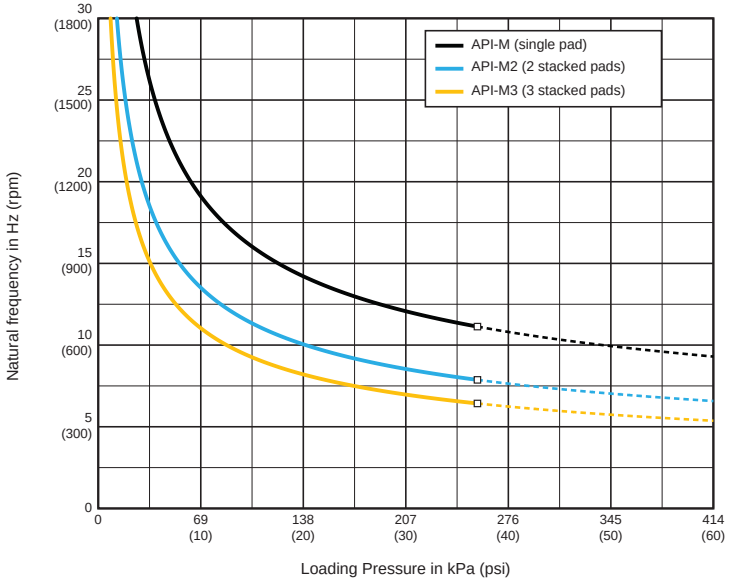
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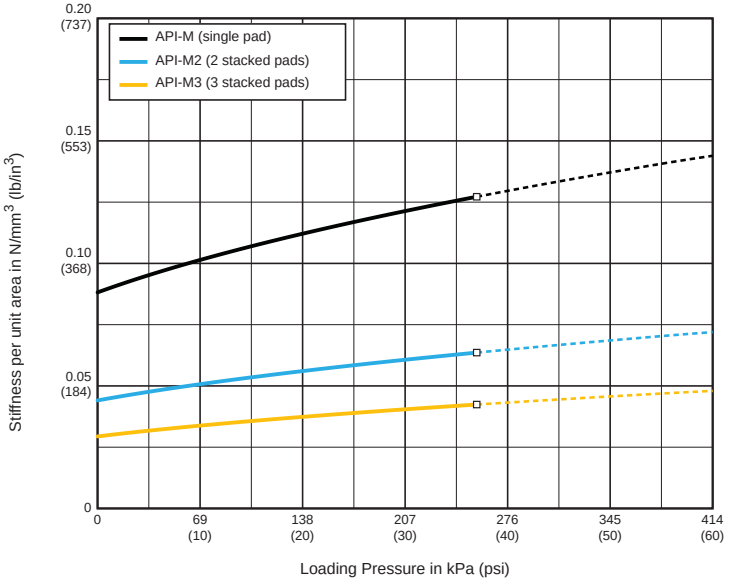
Vibration Isolation and Noise Control Properties of API-M Type Modular Rubber Pad

NATURAL FREQUENCY CURVES

(estimated from static deflection, per industry practice)



STATIC SECANT STIFFNESS PER UNIT AREA



NOTES:

1. Curves apply to all pad sizes. Max. loading pressure 255 kPa (37 psi) is marked; dashed lines are beyond the recommended range.
2. Natural frequency is calculated from static deflection: f = 15.76 / √δ (f in Hz, δ in mm).
3. Pad stiffness (N/mm) = stiffness per unit area × loaded pad area (mm^2). Stacked pads are separated by steel plates.

Disclaimer: The information provided in these technical documents constitutes a summary related to the product itself and not the intended application. We do recommend that you seek further advice regarding actual field application from our engineers or authorised partners. The latest version of this document is available to download from www.acrefine.com.

POD
PERFORMANCE OUTLINE DRAWING

API-M Type Modular Rubber Pad

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DRAWN BY	MMD	5
DATE	28.10.2026	
SCALE	NTS	Page 2 of 2