

# VIBRATION MANAGEMENT CORPORATION

5930 THOMAS ROAD, HOUSTON, TEXAS 77041, USA

TEL: +1-713-983-VIMCO  
+1-713-983-8462

FAX: +1-713-983-9933

E-MAIL: sales@vimco.biz

WEB: www.vimco.biz

## MODEL 3RFP GREEN SERIES TRIPLE-CORE™ RUBBER FOAM PAD

VIMCO is proud to introduce the 1st major product development in vibration isolation pads by a full line manufacturer in more than two decades. Our last innovation to our isolation pad group was in the early 1980s with the introduction of round suction cups in our 3/4" thick Easy Cut Rubber Mounting Pad. This design has been widely copied by other manufacturers and is now the #1 design in the wholesale market in the US.



Our patent pending model **3RFP** pads are constructed from chemically cross-linked, micro-cellular, rubber foam. Our Triple-Core™ design is the

first all rubber foam isolation pad manufactured in different density layers to provide greater vibration and noise reduction. The top and bottom cores are constructed with high density foam, with external surfaces further toughened for better abrasion resistance. The center core is thermo-molded to a lower density for optimal deflection. All three layers are fused providing a permanent bond that is water and chemical resistant. The model **3RFP** pads come with a lifetime warranty against core separation.

To reduce costs, other vibration isolation manufacturers have come up with ingenious non-slip pattern designs over the years, that effectively reduce the overall pad material required. Traditional rib patterns have been made wider and deeper; square "waffle" pads with large cavities have been developed; and most recently 3" module pads with even larger cavities have been introduced.



The model **3RFP** pads are molded with a bi-directional non-slip pattern that does not reduce effective pad thickness.

1" thick isolation material is provided with 100% surface contact underneath the entire loaded area.

(\* older wave pattern is available till stocks last)



VIMCO™ **3RFP** pads are the most environment friendly isolation pads currently available on the market:

- \* *The pad is free of chlorine, halogens, formaldehydes, CFC's, HCFC's and phthalates.*
- \* *Unlike molded rubber products, no sulfur is used in the manufacturing process.*
- \* *Rubber foam raw material has a lower melting point than that of molded rubber products, so less energy is used in the manufacturing stage.*
- \* *The pad material is fully recyclable.*
- \* *Where a recycling program is not available, the pad can be safely disposed as it does not generate toxins, carcinogens or soot when incinerated.*

### Other features:

- \* *Uniform closed cell structure*
- \* *Negligible water and water vapor absorption*
- \* *Mold, mildew and bacteria resistant.*
- \* *Excellent resistance to oil, water and ozone (recommended for outdoor use)*
- \* *Meets flame resistant and self extinguishing classification requirements*

### Local Representative :

Due to our policy of continual product development and improvement, all information is subject to change without prior notice. Please consult your local rep. for updates.

### Catalog no.

**P - 2201**  
Rev. 3

**MODELS:**

MODEL	SIZE	RECOMMENDED LOAD (MAX LOAD)	
	(inches)	(lbs)	
3RFP 181801	18" x 18" x 1"	16200	(22680)
3RFP 121201	12" x 12" x 1"	7200	(10080)
3RFP 080801	8" x 8" x 1"	3200	(4480)
3RFP 060601	6" x 6" x 1"	1800	(2520)
3RFP 040401	4" x 4" x 1"	800	(1120)
3RFP 030301	3" x 3" x 1"	450	(630)
3RFP 020201	2" x 2" x 1"	200	(280)
3RFP 181802	18" x 18" x 2"	16200	(22680)
3RFP 121202	12" x 12" x 2"	7200	(10080)
3RFP 080802	8" x 8" x 2"	3200	(4480)
3RFP 060602	6" x 6" x 2"	1800	(2520)
3RFP 040402	4" x 4" x 2"	800	(1120)
3RFP 030302	3" x 3" x 2"	450	(630)
3RFP 020202	2" x 2" x 2"	200	(280)

**GENERAL PROPERTIES:**

PROPERTY	PERFORMANCE
Compressive strength at 25% deflection (psi)	70
Compressive strength at 50% deflection (psi)	120
Compression set to 50% of original thickness (%)	1
Water absorption (% by weight, room temp, 5hrs)	<1
Working temperature range (°F)	-70°F ~ 180°F
Flame resistance per 14CFR23.853 (Test report ID: H-226779)	0 in/min Burn Rate

**SUGGESTED SPECIFICATIONS:****A. Elastomeric Pad Isolators**

1. Isolator shall be 3-layer high density rubber foam pads with low density center core. Top and bottom surfaces shall be bi-directional non-slip pattern designed to provide 100% surface contact with equipment under entire loaded area.
2. Isolator material shall be closed cell, chemically cross-linked rubber foam. It shall be free of sulfur, chlorine, halogens, and other toxins
3. Isolators shall be suitable for outdoor use. Material of construction shall be oil, water and ozone resistant.
4. Isolators shall have a lifetime manufacturer warranty against layer/core separation.
5. Isolators shall be environmentally friendly and shall not generate toxins, carcinogens or soot when incinerated.
6. Isolators shall have maximum load capacity of 70 lbs/ sq. inch
7. Isolators shall be minimum 1" or 2" thick as indicated in equipment schedules or as per isolation manufacturers recommendation.
8. Elastomeric Pad Isolators shall be model 3RFP as manufactured by Vibration Management Corporation (VIMCO),

# VIMCO

5930 Thomas Road, Houston, Texas 77041, U.S.A.

Internet Address: [www.vimco.biz](http://www.vimco.biz)

T: +1-713-983-8462 F: +1-713-983-9933 E: [sales@vimco.biz](mailto:sales@vimco.biz)