Load Bearing Pads

Are made from masticated rubber which is fully cured fiber reinforced rubber made from a propriectary blend of virgin and recycled rubbers. During the manufacturing process synthetic fibers are added to the base compounds to create an internal stiffening - much like steel reinforced concrete.
This mesh structure produce enhanced tensile, compressive strength, stiffness, tear resistance, durability and superior ozone and weather resistance.

BPXP- Elastomeric Load Bearing Pads

Are made in unique cross ply manufacturing process, giving uniform physical properties in all directions. This premium grade load bearing pads are designed for more demanding structural applications with loads requirements of up to 2,000 psi. (13.8 N/mm2) and ultimate compression strength of up to 15,000 psi (103,4 N/mm2).

Recommended for:

Standard construction applications for isolation of precast and prestressed concrete structures such as buildings, bridges, columns and prefabricated steel bearing frames.
Also recommended for use for machinery equipment foundations, railway tie pads and applications where isolation of shock forces, vibration transfer and noice reduction is required.

Toll Free: 1 800 567 0785
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LOAD BEARING PADS

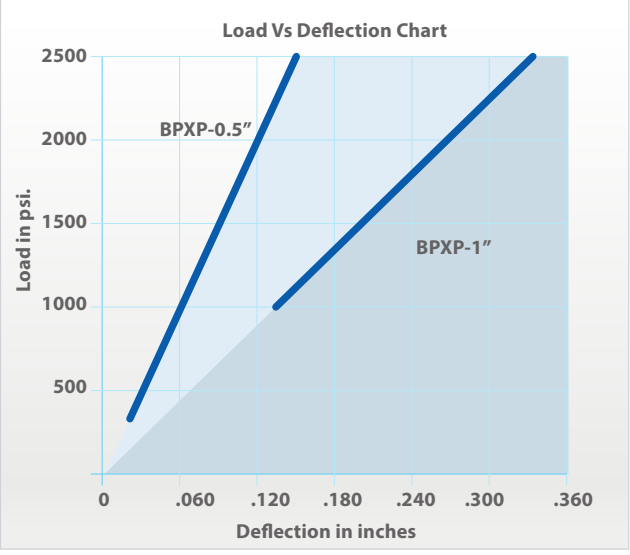
Technical Data

No	Physical properties	Test method	Specifications of Load bearing pads	
1.	Tensile Strength min.	ASTM-D412; DiE C	MD - 7 Mpa	1,000 psi
2.	Tensile Strength min.	ASTM-D624; DiE B	MD - 35 KN/M	200 lbs/inch
			TD - 70 KN/M	400 lbs/ inch
3.	Elongation, % min.	ASTM-D412; DiE C	MD - 15	
			TD - 40	
4.	Hardness, Shore A	ASTM-D2240	75+5	
5.	Specific Gravity	ASTM-D297 sec.16.3	1.18	
6.	Low Temperature Resistance	ASTM-D2137 at-40°C	Pass	
7.	Coefficient of Friction	ASTM-D1894	0.8	

Model	Load Range (psi)	Dimension (in)
BPXP-.50-6-6	400-2000	6 x 6 x 1/2
BPXP-.50-12-12	400-2000	12 x 12 x 1/2
BPXP-.50-24-24	400-2000	24 x 24 x 1/2
BPXP-.50-48-60	400-2000	48 x 60 x 1/2
BPXP-1-6-6	400-2000	6 x 6 x 1
BPXP-1-12-12	400-2000	12 x 12 x 1
BPXP-1-24-24	400-2000	24 x 24 x 1
BPXP-1-48-60	400-2000	48 x 60 x 1

Note:

When product price is not shown, please call our office for technical consultation prior to place an order



Test Parameters

Specimen: 1.0" x 1.0" x Y2"
1.0" x 1.0 " x 1.0 "
Specimen was compressed at the rate 300 lbs/sec. up to maximum load of 20,000 lbs. Ultimate Compressive strength
Recommended - 15,000 psi Compressive load
Recommended - 2,000 psi