

LOAD BEARING PADS

Load Bearing Pads

Load Bearing Pads are made of fully cured masticated fiber reinforced rubber made from a proprietary blend of virgin and recycled rubbers. During the manufacturing process, synthetic fibers are added to the base rubber compounds to create an internal stiffening - much like reinforced concrete.

This mesh structure delivers 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 such as precast and prestressed concrete, bridges, building and structural steel bearing applications, as well as for machinery equipment foundations, railway tie pads, shock vibration isolation and shock reduction.

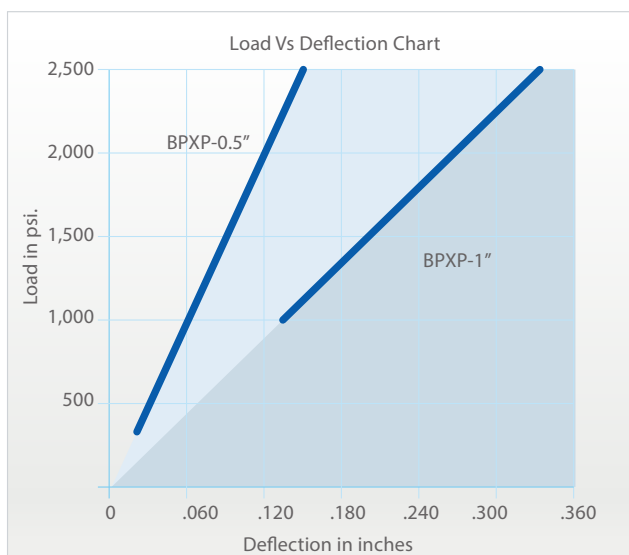
LOAD BEARING PADS

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.	Tear 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 - 2,000	6 x 6 x 1/2
BPXP-.50-12-12	400 - 2,000	12 x 12 x 1/2
BPXP-.50-24-24	400 - 2,000	24 x 24 x 1/2
BPXP-.50-48-60	400 - 2,000	48 x 60 x 1/2
BPXP-1-6-6	400 - 2,000	6 x 6 x 1
BPXP-1-12-12	400 - 2,000	12 x 12 x 1
BPXP-1-24-24	400 - 2,000	24 x 24 x 1
BPXP-1-48-60	400 - 2,000	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