



TYL[®] - Rubber Bearing

Elastomeric Natural Rubber Bearing

202402

DESCRIPTION

Rubber Form Load Bearing Rubber Pads or strips are used extensively in standard construction applications, precast and prestressed concrete bridges, buildings and structural steel bearings applications, as well as machinery, equipment foundation, railway tie pads, and shock and vibration isolation



USES

- Bridge bearing masonry pads
- Lighting standard pad seats
- Handrail bearing pads
- Shock and vibration isolation
- Bearing strip for sliding joint
- Water Tank

SPECIFICATION COMPLIANCE

- General Specification for Civil Engineering Works Clause 16.79

ADVANTAGES

- Use in Potable water
- Easy to bond on concrete surface by adhesive (such as Dunlop LP)
- Use in Potable water
- Not require maintenance after installation
- Resistant to all weather conditions and to chemicals to which the structure will be subjected without impairing the reaction, durability or function
- Non-decomposable material

SIZE

Dimension is an available upon request

PHYSICAL & MECHANICAL PROPERTIES

<u>Property</u>	<u>Typical Results</u>
Density (kg/m ³)	1740 (is an available upon request)
Tensile Strength (MPa)	2.4
Elongation (%)	200
Shore A Hardness	78 ±5
Coefficient of Friction at 300KN/m ² Vertical Load	0.25

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<u>Compression Load (KN)</u>	<u>Deformation (mm)</u>
0	0.00
10	1.91
20	3.13
30	4.38
40	5.43
50	6.89
60	8.12
70	9.56
80	10.44
90	11.23

