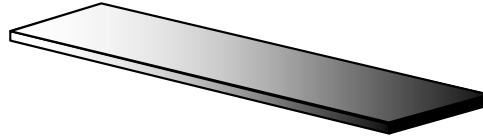




Rubber Strip Specification

LT RUBBER MANUFACTURING SDN BHD



PRODUCT DESCRIPTION

LT RUBBER STRIP is used for supporting vertical loads as well as absorbing bearing rotations and horizontal displacements. It is commonly utilized for buildings , bridges and other civil engineering constructions because they are easy to install , durable and maintenance free.

LT RUBBER STRIP listed in this brochure are manufactured from natural rubber or neoprene nominal hardness 50 , 60 and 70 IRHD, with physical properties shown below , in accordance with BS 5400 : Section 9.2 : 1983 when tested to BS 903 and BS 5400 : Part : 1983.

MATERIAL SPECIFICATION

Elastomer Properties	Specification
Tensile Strength	15.5 MPa
Elongation at Break , min	400%
Hardness , IRHD	56 - 65
Ozone Resistance (25pphm / 20% strain / 96 hrs / 30 C)	No Crack
Shear Modulus , G	0.9N/mm
Bulk Modulus	2000N/mm
Ageing Resistance (7 days / 70 C in air)	
Change in Tensile Strength	15% Max
Change in Elongation at Break	20% Max
Change in Hardness , IRHD	10
Compression Set (22 hrs / 70 C)	30% Max

CALCULATION SPECIFICATION

Principal Dimensions		Maximun Load Capacity	Maximun Shear Deflexion	Calculated Shear Stiffness	Calculated Compression Stiffness	Rotational Capacity
Width (mm)	Thickness (mm)	(kN/m)	(mm)	(kN/mm)	(kN/mm/m)	(Rad/100Kn/m)
100	10	194	7.0	7.0	270	0.01111
100	15	129	10.5	4.7	80	0.03749
125	10	303	7.0	8.8	527	0.00455
125	15	202	10.5	5.8	156	0.01536
125	20	151	14.0	4.4	65	0.03640
125	25	121	17.5	3.5	33	0.07109
150	10	437	7.0	10.5	437	0.00219
150	15	291	10.5	7.0	270	0.00741
150	20	218	14.0	5.3	113	0.01755
150	25	175	17.5	4.2	58	0.03429
200	10	700	7.0	14.0	2160	0.00069
200	15	518	10.5	9.3	640	0.00234
200	20	388	14.0	7.0	270	0.00555
200	25	311	17.5	5.6	138	0.01085
300	10	1050	7.0	21.0	7291	0.00014
300	15	1050	10.5	14.0	2160	0.00046
300	20	875	14.0	10.5	911	0.00110
300	25	700	17.5	8.4	466	0.00214
500	10	1750	7.0	35.0	33757	0.00002
500	15	1750	10.5	23.3	10002	0.00006
500	20	1750	14.0	17.5	4219	0.00014
500	25	1750	17.5	14.0	2160	0.00028

* Other sizes are available according customer design