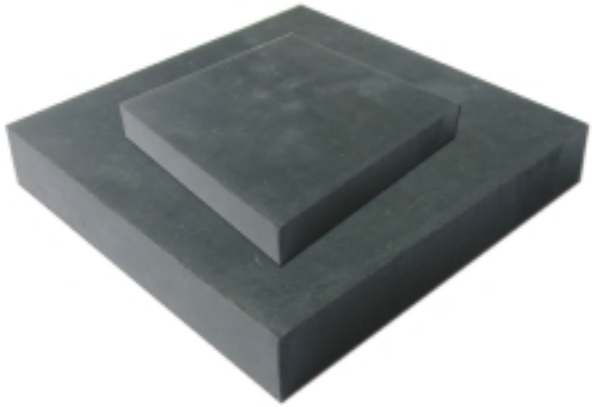
NEOPRENE CR Anti vibration FD CR 01-07 P1

Elastic shock and vibration absorbing materials

Neoprene CR
Low frequency high performance shock and vibration isolation material with self extinguishing properties.

Colour Black



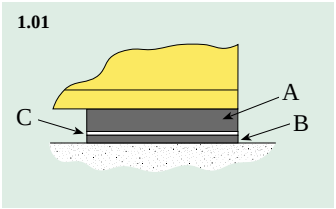
Construction
Moulded from high quality Neoprene/Chloroprene CR rubber.
Moulded in P2 format (both sides plain, no tread pattern)

Applications
High performance shock and vibration isolation of sensitive machinery and equipment, floating floors, HVAC and other building applications.

Other properties

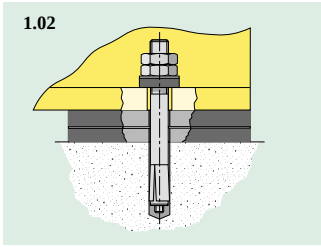
Creep: Minimal
Operational Life: 30+ years (subject to environment)
Oil and Chemical Resistance:
Conditional, full chemical resistance table available on request.
Natural Frequency Range: Low to medium
Working Temperature Range: -30 to +120 o C
(Properties subject to change outside range -10 to +80 o C)
Standard Sheet Sizes mm:
1000x500, 500x500 and other sizes to order. Pads can be supplied against customer drawings including holes, slots etc.
Cutting and drilling
Cut with band saw or water jet.
Holes with twist drill or punch
Health and Safety
Wear protection against any dust created when cutting and or drilling
Building Materials class: B2

1.01



Free standing installation on multiple pads A& B with metal shim(s) C for levelling.

1.02



Bolt through pad installation using single, or multiple pad configuration, AW washers and bushes.

Neoprene	CR P2			CR 40 6 P2			CR 40 12 P2			CR 40 25 P2		
Static Compression Modulus		Ecs	N/mm2	3			3			3		
Specific Spring Constant		SSC	N/mm/mm2	0.50			0.25			0.12		
Thickness		T	mm	6			12			25		
Damping		C/Cc		0.05			0.05			0.05		
Coeff. of Friction (dry)				0.8			0.8			0.8		
Hardness Shore A		IRDH A	+/- 3	40			40			40		
Ratio Dyn to Static Modulus		D		1.2			1.2			1.2		
Maximum Static Press.		Msp	N/mm2	0.4			0.4			0.4		
Maximum Static Press.		Msp	kg/cm2	4			4			4		
Maximum Overload Pressure		MOP	N/mm2									
	Static Loading Pressure											
	MPa	**N/mm2**	**kg/cm2**	***f*sv**	***f*dv**	**d**	***f*sv**	***f*dv**	**d**	***f*sv**	***f*dv**	**d**
	0.10	0.10	1	36	39	0.20	25	28	0.40	17	19	0.83
	0.20	0.20	2	25	28	0.40	18	19	0.80	12	14	1.67
	0.30	0.30	3	21	23	0.60	15	16	1.20	10	11	2.50
	0.35	0.35	3.5	19	21	0.70	13	15	1.40	9	10	2.92
	0.40	0.40	4	18	19	0.80	13	14	1.60	9	10	3.33

This information is for guidance only

Vertical		
Static Natural Frequency	Hz	*f*sv
Dynamic Natural Frequency	Hz	*f*dv
Static Deflection	mm	d