



Farrat Anti-Vibration Materials Summary Sheet

Farrat Anti-Vibration Materials for Industrial Applications

To be used in conjunction with Farrat's individual material Technical Data Sheets.

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COMPOUND		HARDNESS (IRHD)		THICKNESS (MM)		TREAD SIDE A	TREAD SIDE B
BR = Nitrile (NBR) CR = Neoprene HM = Hamamat IS = Isofoam NR = Natural Rubber VR = Verlimber VM = Vidam SG = Squargrip						T = Square Tread I = Isomat P = Plain	

Performance in order of pressure from lowest to highest:

Performance in order of natural frequency from lowest to highest:

MATERIAL CODE	THICKNESS (MM)	OPTIMUM WORKING PRESSURE [P _o] (N/MM ²)	NATURAL FREQUENCY [f _n] @ P _o (HZ)	PEAK OPERATING PRESSURE [P _{us}] (N/MM ²)	AVERAGE DAMPING RATIO [ζ] (%)
VR1613PP	12.5	0.035	17.9	0.05	10.1
VR1625PP	25	0.035	12.0	0.05	11.6
VR1650PP	50	0.035	6.7	0.05	17.2
VR2713PP	12.5	0.10	12.9	0.14	7.1
VR2725PP	25	0.10	8.7	0.14	4.9
VR2750PP	50	0.10	5.3	0.14	6.5
FV1013PP	12.5	0.18	22.8	0.25	11.4
FV1025PP	25	0.18	15.5	0.25	12.0
NR4450II	50	0.20	6.0	0.40	1.8
VR3825PP	25	0.26	8.2	0.35	5.3
VR3850PP	50	0.26	5.8	0.35	7.1
VR3813PP	12.5	0.28	10.8	0.35	6.2
BR4050II	50	0.30	9.0	0.4	8.5
CR4550II	50	0.30	8.0	0.5	6.0
BR5050II	50	0.30	10.2	0.5	8.8
NR4425IT	25	0.30	9.0	0.5	1.8
BR4008TT	8	0.35	26.9	0.5	10.8
NR5050II	50	0.40	7.0	0.6	2.3
CR4525IT	25	0.40	13.0	0.6	6.0
BR5025IT	25	0.40	13.9	0.6	8.8
NR5025IT	25	0.40	9.5	0.7	2.3
CR4525PP	25	0.40	15.0	1.0	6.0
BR5015TT	14.5	0.50	26.0	1.1	11.2
BR5008TT	7	0.55	28.6	0.8	10.3
BR4015TT	14.5	0.55	23.2	0.9	9.8
NR6225IT	25	0.60	11.5	1.0	3.0
NR6250II	50	0.60	8.0	1.0	3.0
CR6025PP	25	0.70	17.0	1.4	8.0
SG9002PP	2	0.70	44.3	2.0	2.1
BR7025IT	25	0.90	20.6	1.4	10.0
BR7050II	50	0.90	15.6	1.4	10.0
SG9005PP	5.5	1.0	42.2	2.5	3.3
VM7006PP	6	1.0	40.0	1.5	12.3
VM7010PP	10	1.0	34.3	1.5	15.2
VM7013PP	12.5	1.0	30.7	1.5	16.1
BR7015TT	15	1.0	29.6	2.0	12.2
VM7025PP	25	1.0	22.5	1.5	13.8
VM7020PP	20	1.0	25.3	1.5	15.3
BR7008TT	7.5	1.1	36.9	1.8	12.4
BR7025TT	24.5	1.2	27.0	2.0	12.1
SG9008TT	8	1.7	35.9	3.0	14.5
SG9015TT	15.5	1.8	33.1	3.4	16.5
SG9010PP	10	2.5	41.2	5.0	7.4
SG9015PP	15	3.0	39.6	6.0	8.0

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VR2750PP	50	0.10	5.3	0.14	6.5
VR3850PP	50	0.26	5.8	0.35	7.1
NR4450II	50	0.20	6.0	0.40	1.8
VR1650PP	50	0.035	6.7	0.05	17.2
NR5050II	50	0.40	7.0	0.6	2.3
CR4550II	50	0.30	8.0	0.5	6.0
NR6250II	50	0.60	8.0	1.0	3.0
VR3825PP	25	0.26	8.2	0.35	5.3
VR2725PP	25	0.10	8.7	0.14	4.9
BR4050II	50	0.30	9.0	0.4	8.5
NR4425IT	25	0.30	9.0	0.5	1.8
NR5025IT	25	0.40	9.5	0.7	2.3
BR5050II	50	0.30	10.2	0.5	8.8
VR3813PP	12.5	0.28	10.8	0.35	6.2
NR6225IT	25	0.60	11.5	1.0	3.0
VR1625PP	25	0.035	12.0	0.05	11.6
VR2713PP	12.5	0.10	12.9	0.14	7.1
CR4525IT	25	0.40	13.0	0.6	6.0
BR5025IT	25	0.40	13.9	0.6	8.8
CR4525PP	25	0.40	15.0	1.0	6.0
FV1025PP	25	0.18	15.5	0.25	12.0
BR7050II	50	0.90	15.6	1.4	10.0
CR6025PP	25	0.70	17.0	1.4	8.0
VR1613PP	12.5	0.035	17.9	0.05	10.1
BR7025IT	25	0.90	20.6	1.4	10.0
VM7025PP	25	1.0	22.5	1.5	13.8
FV1013PP	12.5	0.18	22.8	0.25	11.4
BR4015TT	14.5	0.55	23.2	0.9	9.8
VM7020PP	20	1.0	25.3	1.5	15.3
BR5015TT	14.5	0.50	26.0	1.1	11.2
BR4008TT	8	0.35	26.9	0.5	10.8
BR7025TT	24.5	1.2	27.0	2.0	12.1
BR5008TT	7	0.55	28.6	0.8	10.3
BR7015TT	15	1.0	29.6	2.0	12.2
VM7013PP	12.5	1.0	30.7	1.5	16.1
SG9015TT	15.5	1.8	33.1	3.4	16.5
VM7010PP	10	1.0	34.3	1.5	15.2
SG9008TT	8	1.7	35.9	3.0	14.5
BR7008TT	7.5	1.1	36.9	1.8	12.4
SG9015PP	15	3.0	39.6	6.0	8.0
VM7006PP	6	1.0	40.0	1.5	12.3
SG9010PP	10	2.5	41.2	5.0	7.4
SG9005PP	5.5	1.0	42.2	2.5	3.3
SG9002PP	2	0.70	44.3	2.0	2.1

All information in this datasheet is for guidance only based on current knowledge and may be subject to change and correction.