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Superseding J954 JUN66

Urethane for Automotive Seating

1. **Scope**—This SAE Recommended Practice is intended to provide uniform tolerances for dimensions of urethane materials used for motor vehicle seating. Table 1 describes these tolerances as related to slab and molded applications.

TABLE 1—TOLERANCES⁽¹⁾ ON DIMENSIONS OF URETHANE PARTS, IN

Thickness Over	Thickness To	Tolerances Plus	Tolerances Minus	Length and Width Over	Length and Width To	Tolerances Plus	Tolerances Minus
Slab Foam							
—	0.25	0.03	0	—	18	0.12	0.06
0.25	0.50	0.06	0.03	18	24	0.31	0.12
0.50	1.00	0.12	0.06	24	36	0.50	0.19
1.00	2.00	0.12	0.12	36	48	0.63	0.25
2.00	3.00	0.19	0.12	48	72	0.63	0.31
3.00		0.19	0.19	72		0.75	0.38
Molded Foam							
—	1.00	0.12	0.03	—	2	0.06	0.03
1.00	3.00	0.19	0.06	2	6	0.12	0.06
3.00	6.00	0.25	0.12	6	12	0.12	0.12
6.00		0.25	0.19	12	18	0.19	0.12
				18	30	0.25	0.19
				30	48	0.31	0.25
				48	72	0.50	0.25
				72		0.63	0.50

1. Any deviations from these tolerances are subject to negotiations between supplier and purchaser.

2. **References**—There are no referenced publications specified herein.

PREPARED BY THE SAE SEAT STANDARDS COMMITTEE

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