

HARDNESS CHART

Durometer Shore Scale

Choosing the Right Shore Hardness

The **Shore 00** Hardness Scale is the softest. It measures rubbers and gels that are very soft.

The **Shore A** Hardness Scale is measured based on ASTM D-2240 standards, ranges from extra soft to hard, measures flexible rubbers.

The **Shore D** Hardness Scale starts in the medium hard range and goes up to extra hard materials, measured based on ASTM D-2240 standards as well, typically for measuring hard rubbers, semi-rigid plastics and hard plastics.

	EXTRA SOFT								SOFT							MEDIUM			HARD		EXTRA HARD	
Shore A	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100		
Shore B				6	12	17	22	27	32	37	42	47	51	56	62	66	71	76	81	85		
Shore C						9	12	14	17	20	24	28	32	37	42	47	52	59	70	77		
Shore D						6	7	8	10	12	14	16	19	22	25	29	33	39	46	60	80	100
Shore 0	8	14	21	28	35	42	48	53	57	61	65	69	72	75	79	84						
Shore 00	45	55	62	70	76	80	83	86	88	90	91	93	94	95	97	98						
IRHD						28	35	39	40	49	54	62	64	68	74	80	85	90	95	100		

