

Aesthesio[®] Tactile Sensory Evaluator Data Chart

Color	Evaluator Size	Catalogue item Number	Target Force (grams)	Target Force* (milliNewtons)	Theoretical Pressure Grams/Sq. mm	Hand & Dorsal Foot Thresholds	Plantar Threshold
Green	1.65	514001	0.008	0.08	2.53	normal	normal
	2.36	514002	0.02	0.20	4.39	normal	normal
	2.44	514003	0.04	0.40	4.93	normal	normal
	2.83	514004	0.07	0.70	5.53	normal	normal
Blue	3.22	514005	0.16	1.6	8.77	Diminished Light Touch	normal
	3.61	514006	0.40	3.9	16.1	Diminished Light Touch	Diminished Light Touch
Purple	3.84	514007	0.60	5.9	18.4	Diminished Light Touch	Diminished Light Touch
	4.08	514008	1.0	9.8	24.4	Diminished Light Touch	Diminished Light Touch
	4.17	514009	1.4	13.7	27.9	Diminished Light Touch	Diminished Light Touch
	4.31	514010	2.0	19.6	27.4	Diminished Light Touch	Diminished Light Touch
Red	4.56	514011	4.0	39.2	40.3	Loss of Protective Sensation	Diminished Light Touch
	4.74	514012	6.0	58.8	52.6	Loss of Protective Sensation	Diminished Light Touch
	4.93	514013	8.0	78.4	61.7	Loss of Protective Sensation	Diminished Light Touch
	5.07	514014	10	98.0	68.3	Loss of Protective Sensation	Loss of Protective Sensation
	5.18	514015	15	147	82.0	Loss of Protective Sensation	Loss of Protective Sensation
	5.46	514016	26	255	106	Loss of Protective Sensation	Loss of Protective Sensation
	5.88	514017	60	588	141	Loss of Protective Sensation	Loss of Protective Sensation
	6.10	514018	100	980	193	Loss of Protective Sensation	Loss of Protective Sensation
6.45	514019	180	1760	222	Loss of Protective Sensation	Loss of Protective Sensation	
Or	6.65	514020	300	2940	292	Deep Protective Sensation	Deep Pressure Sensation

*calculated rounded numbers (conversion factor 9.80665)