Table 1-39. SURFACE TENSION OF LIQUIDS*

At Atmospheric Pressure and Room Temperature

For surface tension of other common liquids, see Table 1-37. For surface tension of water and of alcohol solutions, see Table 1-41.

Name	*In contact with*	*Surface tension, dynes/cm*	*Name*	*In contact with*	*Surface tension, dynes/cm*
Acetaldehyde	Vapor	21.2	Glycol	Air or vapor	47.7
Acetic acid	Vapor	27.3	*n*-Hexane	Air	18.4
Acetone	Air or vapor	23.1	Isobutyl alcohol	Vapor	23.0
Allyl alcohol	Air or vapor	25.8	Isopropyl alcohol	Air or vapor	21.7
Aniline	Vapor	42.9	Mercury	Air	484.
Benzene	Air	28.2	Methyl acetate	Air or vapor	24.6
Bromine	Air or vapor	41.5	Methyl alcohol	Air	22.2
n-Butyl alcohol	Air or vapor	24.6	Nitrobenzene	Air or vapor	43.9
Carbon bisulfide	Vapor	32.3	Nitromethane	Vapor	36.8
Carbon tetrachloride	Vapor	26.3	*n*-Octane	Vapor	21.8
Chlorobenzene	Vapor	33.6	Phenol	Air or vapor	40.9
Chloroform	Air	27.1	*n*-Propyl acetate	Air or vapor	24.3
Diethylaniline	Vapor	34.2	*n*-Propyl alcohol	Vapor	23.8
Ethyl acetate	Air	23.9	Styrene	Air	32.1
Ethyl alcohol	Vapor	22.4	Sulfuric acid (98.5%)	Air or vapor	55.1
Ethyl ether	Vapor	16.5	Tetrachloroethylene	Vapor	31.7
Formic acid	Air	37.6	Toluene	Vapor	28.5
Glycerol	Air	63.0	Water	Air	72.

*From: "CRC Handbook of Chemistry and Physics", 50th ed., R.C. Weast, Ed., The Chemical Rubber Co., 1969. For surface tension of other liquids, liquid elements, and metals, see this source.