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Gauss

National Cancer Institute

Source

National Cancer Institute. *Gauss*. NCI Thesaurus. Code C68915.

A CGS unit of magnetic flux density. A field of one gauss exerts a force on a conductor, placed in the field of 0.1 dyne per ampere of current per centimetre of conductor. One gauss represents a magnetic flux of one maxwell per square centimetre of cross-section perpendicular to the field. In SI units, one gauss equals 10^{-4} tesla.