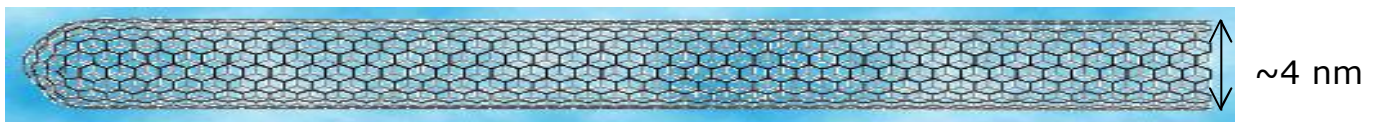


How Small Are Nanotubes?

Abbreviations and Size

meter	m	1	1×10^0
decimeter	dm	1/10	1×10^{-1}
centimeter	cm	1/100	1×10^{-2}
millimeter	mm	1/1000	1×10^{-3}
micrometer	μm	1/1000000	1×10^{-6}
nanometer	nm	1/1000000000	1×10^{-9}
angstrom	Å	1/10000000000	1×10^{-10}

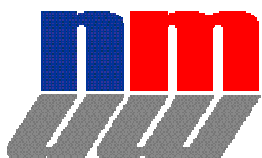
Carbon nanotubes often have a diameter of about 4 nm



Let's compare

Item	Diameter	Factor
Wrist	40 mm = 40×10^{-3} m	1000
Hair	40 μm = 40×10^{-6} m	

Item	Diameter	Factor
Hair	40 μm = 4×10^{-5} m	10,000
Nanotube	4 nm = 4×10^{-9} m	



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