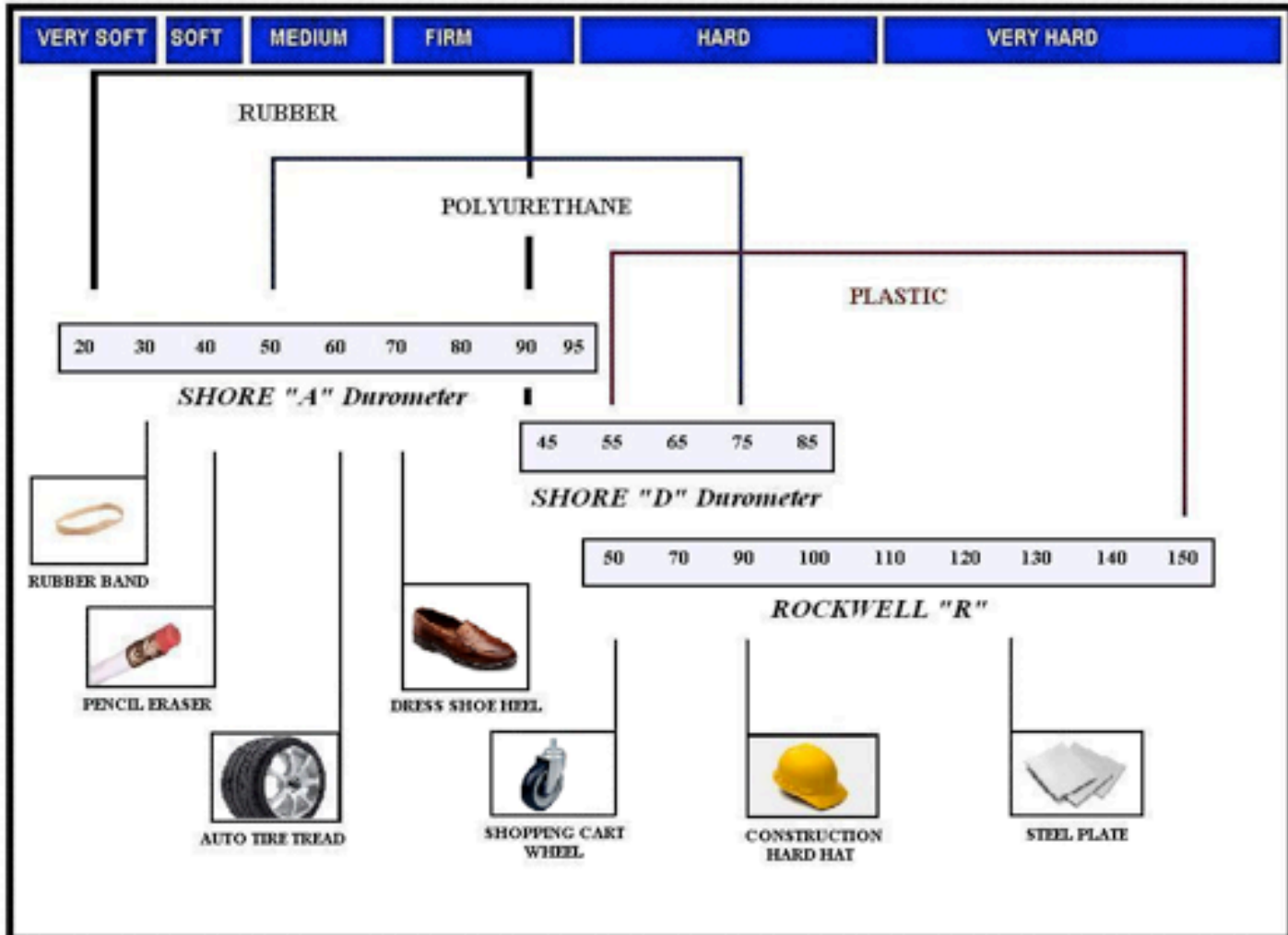


Polymer Hardness Scale



Durometer is typically used as a measure of hardness in polymers, elastomers, and rubbers. Hardness may be defined as a material's resistance to permanent indentation. The durometer scale was defined by Albert F. Shore, who developed a measurement device to measure **Shore hardness**, called a durometer in the 1920s. The term durometer is often used to refer to the measurement, as well as the instrument itself.

There are several scales of durometer, used for materials with different properties. The two most common scales, using slightly different measurement systems, are the ASTM D2240 type A and type D scales. The A scale is for softer polymers, while the D scale is for harder ones.