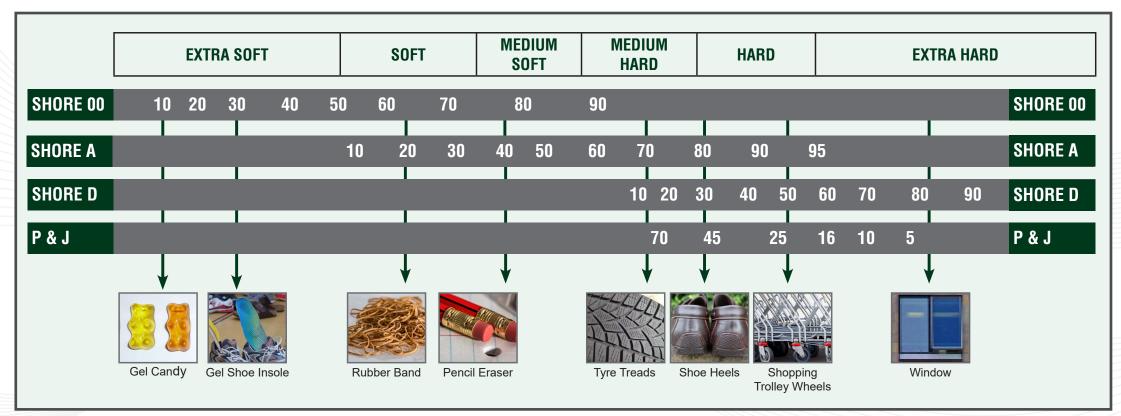


Polyurethanes compete against many other materials including rubber, plastic and metals. The most common method of classifying polyurethanes is according to their hardness.

The diagram below shows how polyurethanes compare in hardness to other materials.



Erapol elastomers are available in a wide range of hardness, from 10 Shore A, which is softer than an eraser, to 85 Shore D which is much harder than a golf ball.

Hardness measurement is a useful tool, however variation in readings by one or two units can be encountered when measuring most polyurethane and rubbers. Shore A is the most common hardness scale used up to 95 Shore A. Any reading above this hardness level should be measured in Shore D scale. Other scales available are Shore 00 and P&J the comparisons for these scales can also be seen above.