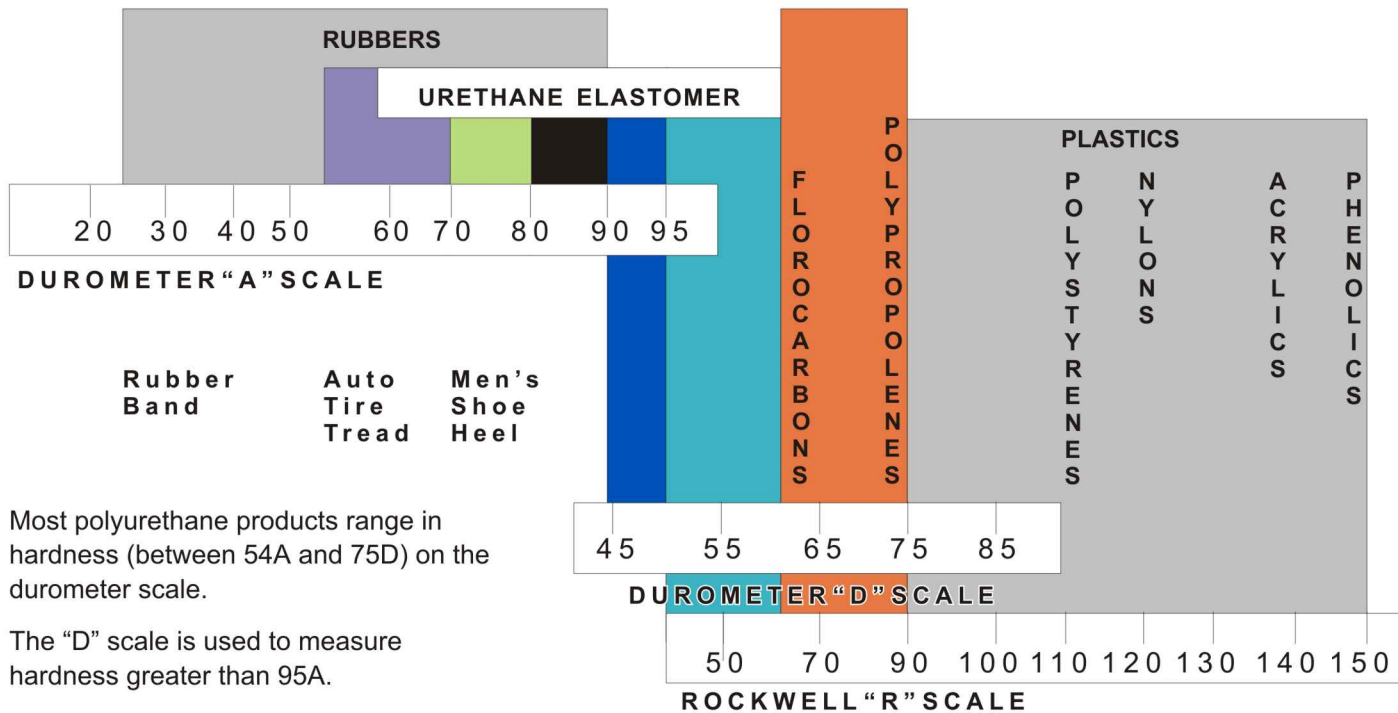


## Hardness Scale



## Mechanical Properties

|                                                                            | NORZORB<br>Anti-Rebound | NORTHANE<br>60A | NORTHANE<br>70A | NORTHANE<br>80A | NORTHANE<br>90A | NORTHANE<br>95A | NORTHANE<br>75D |
|----------------------------------------------------------------------------|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Hardness, Durometer Value<br>ASTM D676 - 59T                               | 50A                     | 60A             | 70A             | 80A             | 90A             | 95A             | 75D             |
| Specific Gravity                                                           | -                       | 1.18            | 1.25            | 1.05            | 1.10            | 1.14            | 1.20            |
| Tensile Strength, P.S.I.<br>ASTM D412 - 61T                                | 3050                    | 3500            | 5400            | 4400            | 5000            | 7000            | 8000            |
| Elongation at break, %<br>ASTM D412 - 61T                                  | 720                     | 530             | 650             | 575             | 450             | 420             | 270             |
| 100% Modulus, P.S.I.<br>ASTM D470                                          | 170                     | 280             | 310             | 700             | 1050            | 1800            | 4600            |
| Tear strength split, PLI<br>ASTM D470                                      | 42                      | 25              | 60              | 85              | 95              | 155             | 115             |
| Bayshore rebound %                                                         | 3                       | 32              | 30              | 30              | 42              | 40              | 45              |
| Bell brittle point Temp. °F                                                | below -70               | below -70       | below -80       | below -80       | below -80       | below -80       | below -70       |
| Compression set %<br>Method B (ASTM D395)                                  | -                       | 13              | 31              | 35              | 30              | 37              | 43              |
| Impact resistance<br>IZOD notched, ft. lb./in. @<br>75°F (ASTM D746 - 57T) | flexed                  | flexed          | flexed          | flexed          | flexed          | flexed          | 19              |