

DUREZZA • HARDNESS

Non esiste una relazione lineare tra i durometri di scala A e D. La Figura 1 indica letture approssimativamente equivalenti per durometri A e D. A causa delle differenze di forma della punta del penetratore, può esserci un'ampia divergenza tra le letture A e D per materiali diversi.

Nella zona inferiore della scala D la precisione è limitata e i valori inferiori a 25 D sono discutibili.

Le formulazioni poliuretatiche Pieffe presentano durezze comprese tra 2 Shore A e 88 Shore D, come mostrato nella Figura 1.

Nessun altro tipo di gomma offre qualità uniche per questo intervallo di durezza. Durezze intermedie possono essere ottenute miscelando polimeri (blend) o incorporando agenti plastificanti.

There is no linear relationship between the durometers of scale A and D. Figure 1 indicates readings that are approximately equivalent for durometer A and D.

Due to the difference in shape of the tip of the penetrator, there may be a considerable divergence between the readings A and D for different materials.

In the lower zone of scale D precision is limited and the values of under 25 D are questionable.

The Pieffe polyurethanic formulations are of a hardness of between 2 Shore A and 88 Shore D, as shown in Figure 1.

No other kind of rubber offers unique quality for this hardness range. Intermediate hardnesses may be obtained by mixing polymers (blend) or by incorporating plasticization agents.

Equivalenti Durezza Approssimativa
Approximate Hardness Equivalents

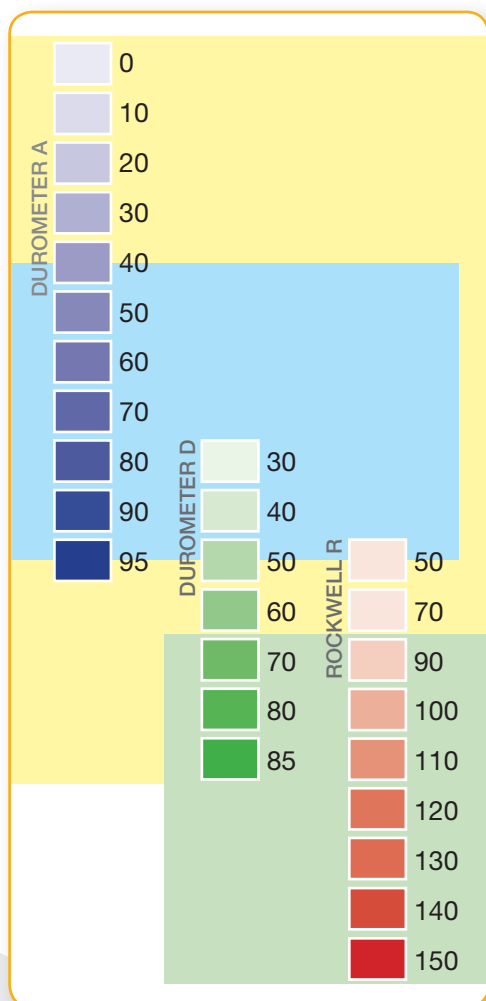


Figura 1 • Figure 1

Tabella comparazione durezze • Hardness comparison table

Shore A ▶ P.u.J.	Shore A ▶ P.u.J.	Shore A ▶ P.u.J.
100 ▶ 0,0	75 ▶ 56,0	50 ▶ 129,0
99 ▶ 3,0	74 ▶ 62,0	49 ▶ 132,0
98 ▶ 6,0	73 ▶ 62,0	48 ▶ 136,0
97 ▶ 8,0	72 ▶ 64,0	47 ▶ 140,0
96 ▶ 10,0	71 ▶ 67,0	46 ▶ 144,0
95 ▶ 12,5	70 ▶ 69,0	45 ▶ 148,0
94 ▶ 15,0	69 ▶ 71,0	44 ▶ 154,0
93 ▶ 17,0	68 ▶ 75,0	43 ▶ 158,0
92 ▶ 18,5	67 ▶ 78,0	42 ▶ 163,0
91 ▶ 21,0	65 ▶ 81,0	41 ▶ 168,0
90 ▶ 24,0	66 ▶ 84,0	40 ▶ 172,0
89 ▶ 25,0	64 ▶ 86,5	39 ▶ 176,0
88 ▶ 28,0	63 ▶ 89,0	38 ▶ 181,0
87 ▶ 30,0	62 ▶ 91,0	37 ▶ 185,0
86 ▶ 32,0	61 ▶ 93,0	36 ▶ 188,0
85 ▶ 34,5	60 ▶ 96,5	35 ▶ 193,0
84 ▶ 36,5	59 ▶ 100,0	34 ▶ 197,0
83 ▶ 39,0	58 ▶ 102,0	33 ▶ 203,0
82 ▶ 41,0	57 ▶ 105,0	32 ▶ 208,0
81 ▶ 43,0	56 ▶ 108,0	31 ▶ 212,0
80 ▶ 45,0	55 ▶ 112,0	30 ▶ 215,0
79 ▶ 47,0	54 ▶ 115,0	29 ▶ 223,0
78 ▶ 49,0	53 ▶ 118,0	28 ▶ 227,0
77 ▶ 52,0	52 ▶ 121,0	
76 ▶ 54,0	51 ▶ 125,0	

Tabella 1 • Table 1

