



DIAMEX INTERNATIONAL, LLC

ALPHA 125-5 Standard Description:

This pad is substantially the same structure and composition as the ALPHA-125-3-EH/EB, except it is harder and denser. The ALPHA 125-5 exhibits very low compression and elastic deformation. This pad is designed for better flatness at extremely high pressure.

Typical Physical Properties of Alpha 125-5 Series

Thickness (inches): 0.050

Tensile Strength (kg/cm) *10% Elongation*

wp: 9.7

wf: 6.6

Tensile Strength (kg/cm) *20% Elongation*

wp: 14.6

wf: 9.1

Abrasion loss (mg): 1.5

Compressibility (%): 1.36

Hardness (MOH-C): 76/78

Maximum Available Diameter (inches): 54

Chemical Properties of Alpha 125-3 Series

Acid Resistance (Hydrochloric Acid): pH (1-7)

Alkali Resistance (Caustic Soda): pH (7-13)

Heat Resistance (Softening Point): 190°C

NOTE: The above values represent typical measurements. Actual values may vary in range defined by product specifications.

wp = warp

wf = woof