Table 1 Basic Dk Silicon/Acrylate Materials

These are typically very stable lens materials used for fitting high corneal astigmas with a spherical lens design, converting a long term PMMA wearer to oxygen permeable lenses, or when a thin lens design is needed.

Table 2 High Dk Silicon/Acrylate Materials

A wide range of patients can be fitted with these types of lenses. They are excellent for hyperopes, special lens designs such as back torics, bi-torics, and especially front torics when prism is necessary, and to help increase wearing time for patients requiring greater oxygen transmission.

Table 3 Mid-Range Dk Fluoro Silicon/Acrylate Materials

These materials offer a greater percentage of oxygen to the cornea without some of the wettability problems associated with high Dk silicon/acrylate materials. Many patients fitted with these materials report increased comfort and wettability over high Dk silicon/acrylate lenses.

Table 4 High Dk Fluoro Silicon/Acrylate Materials

These materials provide the greatest percentage of oxygen transfer available to GP lens fitting practitioners. They are ideal for patients requiring the highest possible oxygen permeability to the cornea.

Table 5 Hyper Dk Fluoro Silicon/Acrylate Materials

These materials provide the greatest percentage of oxygen transfer available to GP lens fitting practitioners. They are ideal for patients requiring the highest possible oxygen permeability to the cornea.

Table 6 High Refractive Index Materials

These materials, with refractive indexes from 1.51 to 1.54, will assist in decreasing lens mass in single vision designs and can enhance the add power effect in multifocal designs.

Quoted Dk values are measured using Gas to Gas method unless *, which indicates ISO/Fatt method. FDA approved for extended wear. Many materials are available with or without UV - ask a customer service representative for UV information on your material of choice.