

GUIDELINES FOR FITTING PRESCRIPTION LENSES TO MIRAFLEX FRAMES

Introduction

The Miraflex Flexible & Safe collection is manufactured from a special malleable plastic polymer that produces a spectacle frame that is incredible light, comfortable and, importantly, safe to wear.

Fitting prescription lenses to the frame is very straightforward and the purpose of this document is to provide some basic guidance in 3 simple steps to ensure a perfect result every time.

We recommend polycarbonate or Trivex lenses for children's eyewear for maximum physical and UV protection. CR39 and high index plastic lenses are also suitable.

Step 1 – Tracing the Frame

Most frame tracers/scanners will have no problem tracing the actual frame but formers are available upon request if difficulty is experienced. It is recommended that only one side of the frame is scanned and a mirror image is used to edge the other side. This will ensure that the frame shape remains cosmetically symmetrical on both sides. Scanning a single side will usually mean that the bridge measurement must be taken manually and recorded on the blocking device.

Step 2 – Edge the Lenses

After appropriate decentration and blocking the lenses are edged with a standard V bevel, setting the edger to edge the lens approximately 0.1 to 0.2mm oversize. Apply the appropriate safety bevel.

Step 3 – Fitting the Lenses

You will need a frame heater and a source of cold water, e.g. a bowl large enough to cover the frame.

Warm the frame gently using a frame heater and then insert the appropriate lens from the rear side. Immediately plunge the frame and lens into cold water to "shrink" the frame material around the lens. Repeat for the other lens. This procedure should ensure that the lenses remain firmly mounted in the event that the wearer flexes the frame excessively.

Inspect the finished spectacles.

Note: This document is supplied for guidance only and does not constitute a guarantee of the quality of the finished product.