

DURAN®+

Hints for use

Properties: DURAN®+ is a clear transparent PET-G thermoplastic. The material is abrasion resistant to the greatest possible extent and almost unbreakable with excellent properties concerning breaking resistance, elasticity and form stability. DURAN®+ belongs to the polyester group and is therefore not hygroscopic reactive (no predrying necessary). The material is highly biocompatible. Our pressure moulding foils have been cell-biologically tested acc. to the International Guidelines ISO 10993 and EN ISO 7405 with the result that they have been released for clinical use.

Application: DURAN®+ is well suited for all prosthetic and orthodontic splint therapies such as Miniplast splints, bruxism splints with and without adjustment as well as palatal expansion.

This hard-elastic splint material is best suited for tooth transpositions, corrections and retentions in the splint therapy.

Pressurizing: DURAN®+ is supplied with a thin insulating foil in order to guarantee highest transparency and an aesthetic easy-to-clean inner side of the plate. The foil can be easily removed after pressure moulding. As a rule, the model should be embedded in the pellets. As you can see from the imprint on the foils or the labels, the heating times for DURAN®+ are extremely short. When DURAN®+ is moulded on an average-sized model optimally embedded, the strength of the material is reduced by up to 25 %.

Hint: For heating times shorter than 20 sec. are no three-digit-codes available. The heating time has to be entered manually by pushing the button with the "clock-symbol".

Finishing: Up to a thickness of 1.0 mm, DURAN®+ can be easily trimmed with foil scissors. For all other thicknesses, we recommend the finishing set (REF 3378). Final trimming and polishing can be most effectively done with DIMO/DIMO®PRO abrasives (REF 3380-3384/3376). Compound and adjustment with cold cure resins (f.ex. DURASPLINT®) is possible without any problems. For some C+B respectively temporary materials – especially bis-acrylic composite – corresponding bonding agents are necessary.

Material care: We recommend cleaning with our SCHEU-DENTAL CETRON® products. Please don't use alcoholic cleansing agents, agents on vegetable basis (f. ex. Pyralvex), hot water or steam blasting.

Delivery Program: 125 mm ○

0.4	mm	3472
0.5	mm	3426
0.625	mm	3428
0.75	mm	3430
1.0	mm	3432
1.5	mm	3434
2.0	mm	3436

