



Monolayer AT

Easy fabrication of attachments



Back Ground

Sometimes dentist find it difficult to remove and place attachments for aligner treatment.

Doing the basics right, will reduce stress and failures.



Influencing factors

1. Light Cure composite used
2. Attachment Tray material
3. Curing Light strength



Contact

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Notes:

iziFlex Monolayer AT is manufactured from PETG copolyester. The material is sensitive to overheating, so care should be taken when light-cured composite attachments are cured through the material.

Depending on the strength of your curing light, it is advisable to reduce heat creation by moving the curing light 2cm away from the tray when curing and doing it in smaller bursts.

Until a working workflow is established, it is advisable to start with a 5 second cure of each attachment at a distance of 2cm away from the tray. A further cure of 10 seconds on each attachment, giving time for the PETG material to cool down in between bursts. Composite should be cured enough to be able to remove the tray without dislodging any attachments. All cures through PETG material should be 2cm away. After tray is removed a final cure on each created attachment of 10 seconds should be enough for a full cure depending on your material instructions.

For the first cure it is important to ensure proper fit of the tray. This can be done by using both hands. One finger pressing on the occlusal or incisal surface and the other hand may press the area of the gingival margin with an instrument. This should ensure proper contact and correct height of attachment. Your assistant must operate curing light.