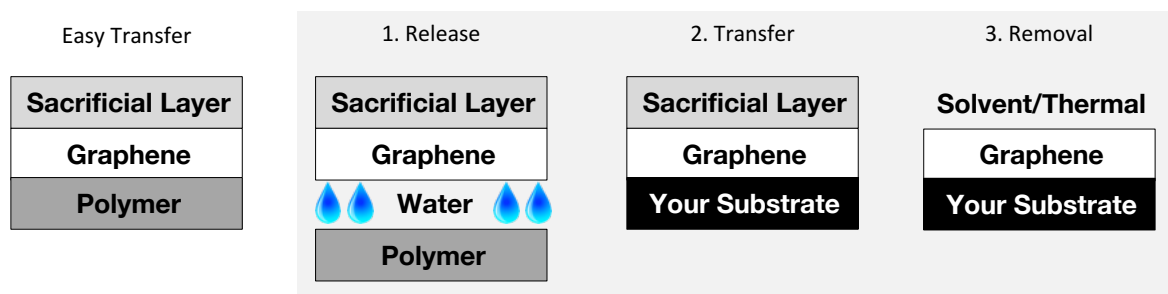


User Instructions

Graphenea Monolayer Graphene film “Easy Transfer”

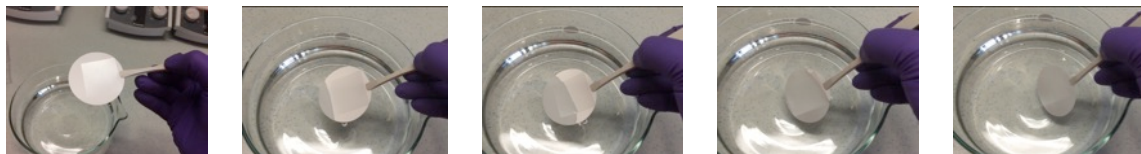
This document will guide you through the easiest way to transfer graphene onto any compatible substrate

Graphene Transfer Procedure in 3 simple steps



1. Release

Put the sample on deionized water slowly (If the sample has been stored for a while we recommend to place the Easy Transfer on water and then do the release) while the sacrificial layer/graphene is detached from the support film. Once the sacrificial layer/graphene is floating remove the polymer film.



2. Transfer

The sacrificial layer/graphene will be floating in the water. To deposit it onto the desired substrate, introduce the substrate into the deionized water and fish the sacrificial layer/graphene from below. We suggest to tilt the substrate 45°. Take the sacrificial layer/graphene/substrate out and let it dry 30 minutes in air. Then we recommend to anneal the samples in a hot plate at 150C for 1h. Finally, before the removal of the sacrificial layer, store it under vacuum for at least 24h to avoid detachment of the graphene from your substrate.

3. Sacrificial layer Removal

To remove the sacrificial layer two methods can be used:

- **Solvents:** Dip the sacrificial layer/graphene/substrate in hot acetone (50C) for 1h, then into iso-propyl alcohol for another 1h and blow the sample with N₂ to dry it.
- **Thermal treatment:** Put the sacrificial layer/graphene/substrate into an oven and heat the sample at 450C in inert atmosphere for 2h.

4. Recommended use of the product up to 3 months

Disclaimer: Graphenea SA believes that the information in this instruction is accurate and represents the best and most current information available to us. Graphenea makes no representations or warranties either express or implied, regarding the suitability of the material for any purpose or the accuracy of the information contained within this document. Accordingly, Graphenea will not be responsible for damages resulting from use of or reliance upon this information.