

SOMATAC® CR

The SOMATAC® CR series is an adhesive film for processing, that has weak adhesion at room temperature, but gains adhesion when heated.

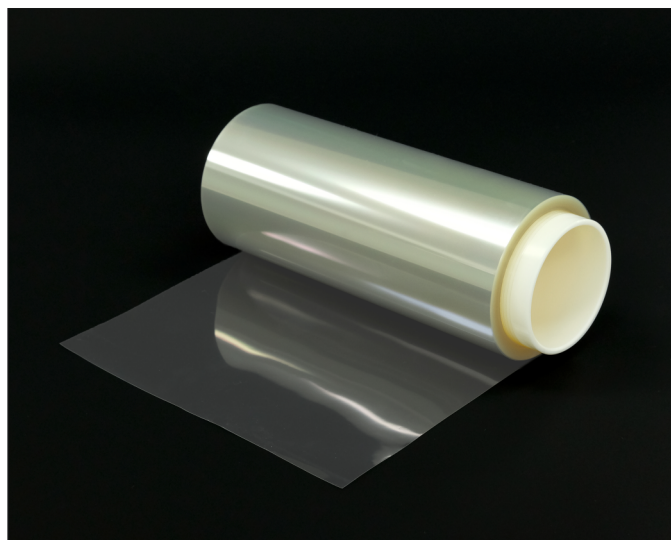
We manufacture a range product numbers with different adhesion-gaining temperatures and peeling strengths.

Features

- Develops adhesive strength when heated.
- At room temperature adhesive strength is reduced so that it can be peeled off easily after the production process.
- As the peeling off is easily done, it can reduce peeling stress to the objects onto which SOMATAC® is adhered.
- Particularly suitable for use as a support material for extremely thin films.

APPLICATIONS

- For Electronic Component processing (lamination and pressing)
- For FPC process (backup/protection)



Product List and Properties

Properties		PS-315WP	PS-1422CR	PS-1790CR	PS-14A0CR
Base film type and thickness (µm)		PET 25	PET 100	Sand matte PET 175	PET 100
Adhesive layer thickness (µm)		10	30	20	8
Release film type and thickness (µm)		OPP 30	OPP 30	OPP 30	Silicone PET 25
Peeling force *1 (N/25mm)	23°C	0.03 (Zipping)	0.02	0.03 (Zipping)	0.08 (Zipping)
	40°C	0.11 (Zipping)	0.4 (zipping)	1.0 (Zipping)	0.9 (zipping)
	60°C	1.2	4.6	4.1	5.6
	80°C	0.2	3.0	2.3	3
	100°C	0.05	1.9	0.5	0.9
	After heating at 100°C for 30 minutes	0.02	0.03	0.04	0.06 (zipping)
	After heating at 180°C for 30 minutes	0.1 (zipping)	0.2 (zipping)	0.5 (zipping)	0.06 (zipping)

*1 Substrate: PET film
All values are representative.