

## SOMATAC® CR

The series of SOMATAC® CR are films used in production processes, and have weak adhesion at normal temperature, but gain adhesion by heating. Various types with different adhesion-gaining temperatures and peeling strengths are available.

### Features

1. Develops adhesive strength when heated.
2. At normal temperatures, adhesive strength declines largely as compared with when heated so that peeling off becomes easier.
3. As the peeling off is easily done, it can reduce peeling stress to the objects onto which SOMATAC® is adhered.
4. Particularly suitable for use as a support material for extremely thin films.

### Product Line-Up and Properties

Product Code		PS-1155CR	PS-1422CR	PS-1790CR
Type of Base Film & Thickness (µm)		PET 25	PET 100	Sandmat PET 175
Adhesive Layer Thickness (µm)		10	30	20
Releasing Film Thickness (µm)		OPP Film30	OPP Film30	OPP Film30
Temperature at peak of releasing strength (°C)		60	80	60
Releasing Strength (N/25mm) versus PET Film (vs. PI film, in case of PS-1155CR)	23°C	0.07	0.02	0.07 (Zipping)
	40°C	0.26	-	-
	60°C	1.1	4.5	4.4
	70°C	-	3.8	-
	80°C	0.3	-	-
	85°C	-	2.7	-
	100°C	0.11	-	-
	120°C	0.05	-	-

All numbers are representative values.

The combination of base material and releasing film material/thickness can be changed at your request in many cases, so inquiries are welcomed. **For more information regarding this and other products, please contact us directly.**



**Somar Europe B.V.**  
Arlandaweg 92  
1043EX, the Netherlands  
M: info@somar-europe.com  
Tel: +31 (0)251 336 004