

Silicones for Photovoltaics & Solar



1-Part Adhesives Sealants

Product Code	Cure	Colour	Rehology	Tensile MPa	Min Working Temp °C	Max Working Temp °C	Hardness Shore A		Tack Free Mins	Max 3mm Cure	% Elongation
PV5700	Alkoxy	White	Paste	2.00	-60	200	34		15	24hrs	580
PV5701	Alkoxy	Black	Paste	2.40	-60	260	37		10	24hrs	450
PV5702	Alkoxy	Translucent	Paste	2.70	-60	200	24		15	24hrs	540
PV5703	Alkoxy	Ral 7035	Paste	2.00	-60	200	34		15	24hrs	580

2-Part Silicone Potting & Encapsulants

Product Code	Cure	Colour	Mixed Viscosity MPa	UL 94V-0	Min Working Temp °C	Max Working Temp °C	Hardness Shore A	Pot Life mins @ 25°C	Cure Speed		Thermal Conductivity W/mK
									Hrs 25°C	Mins 100°C	
PV2218	Addition	Transparent	3000	No	-60	200	59	360	24-48	60	0.18
PV2553	Addition	Grey	4500	Yes	-50	260	32	180	24	7	0.68

Silicone Gels

Product Code	Cure	Colour	Mixed Viscosity MPa	UL 94V-0	Min Working Temp °C	Max Working Temp °C	Hardness Shore A	Pot Life mins @ 25°C	Cure Speed		Thermal Conductivity W/mK
									Hrs 25°C	Mins 100°C	
PV2300	Addition	Transparent	630	No	-55	200		>45	<24	<60	
PV2304	Addition	Translucent	26500	No	-50	200		10	0.5		

UK

ACC Silicones Limited
Amber House,
Showground Road
Bridgwater, TA6 6AJ
Tel: +44 (0) 1278 411411
Fax: +44 (0) 1278 411444

Italy

Treco s.r.l.
Via Romagna 8
Sesto Ulteriano (MI) 20098
Milan, Italy
Tel: +39 02 988 0913
Fax: +39 02 9828 0413

Germany

Pommernstrasse 12
53119 Bonn
Germany
Tel: +49 (0)228 2497371
Fax: +49 (0)228 2497372

Czech Republic

Turanka 115
627 00 Brno
Czech Republic
Tel: +420 532 123 258
Fax: +420 532 123 259

acc silicones europe
www.acc-silicones.com
E-mail: info@acc-silicones.com