

# ► CONFORMAL COATING

	High viscosity					
	AVR80 BA	UVP33/ UVP63	NVR95	SVR99	SVP52	AVR80 BA GEL
<b>Nature</b>	Acrylic	Urethane	Rubber	Silicone	Silicone	Acrylic
<b>Type of coating</b>	Solvent	Solvent	Solvent	Solvent	Solvent	Solvent
<b>Repairability</b>	Yes	Yes (Locally)	Yes	Yes	Yes (Locally)	Yes
<b>Viscosity (cP) at 25°C</b>	250	230/100	210	155	65	Gel
<b>Dry residue %</b>	30	44/ 34	22	30	45	40
<b>Temperature range</b>	-65°C +150°C	-65°C +125°C	-65°C +150°C	-50°C +125°C	-60°C +200°C	-65°C +150°C
<b>Curing type</b>	RT / IR	RT / IR	RT / IR	RT / IR	RT / IR	RT / IR
<b>Tack free time (mn) RT</b>	20	20/40	10	20	30	30
<b>Dielectric strength (kV/mm)</b>	50	60	80	90	90	50
<b>Stripper</b>	SND/ ABclean	DVP	SND/ ABclean	SND/ABclean	DVP	SND/ABclean
<b>Thinner</b>	DVA BA	DVU	DVN	DVS	DVS	n.a
<b>Standards</b>	UL 94V0 /NF EN 61086 /NF EN 55545	UL (In progress)	UL (In progress)	UL 94V0	-	-
<b>Packaging</b>	Flacon 10mL, Stylo 10mL, Aerosol 400mL, 5L	5L	5L	Aerosol 400mL, 5L	5L	Syringe 30mL, 1L

► ABchimie offers its ready-to-use coating with a viscosity adapted to in-line or gun application systems in order to facilitate their implementation in the process for operators.

	High viscosity					
	UVA59	526 UV	746E UV	836 UV	42K UV	80K UV
<b>Nature</b>	Urethane	Urethane Acrylic	Urethane Acrylic	Urethane Acrylic	Acrylic	Acrylic
<b>COV %</b>	13%	Low COV	Low COV	Low COV	0 COV	0 COV
<b>Type of coating</b>	Water based	Dual cure	Dual cure	Dual cure	Single cure	Single cure
<b>Reparability</b>	Yes (local)	Yes (local)	Yes (local)	Yes (local)	Yes (local)	Yes (local)
<b>Viscosity (cP) at 25°C</b>	1200	55-140	70	70	32 000	80 000
<b>Dry residues %</b>	40	100	100	100	100	100
<b>Temperature range</b>	-60°C +130°C	-50°C +150°C	-50°C +150°C	-50°C +150°C	-50°C +150°C	-50°C +150°C
<b>Curing type</b>	RT / IR	UV Hg / UV LED	UV Hg / UV LED	UV Hg / UV LED	UV Hg / UV LED	UV Hg / UV LED
<b>Curing time/ energy</b>	60 minutes	1500mJ/cm2	1500mJ/cm2	3000mJ/cm2	2500mJ/cm2	2500mJ/cm2
<b>Dielectric strength (kV/mm)</b>	60	60	60	60	60	60
<b>Stripper</b>	DVP	DVP	DVP	DVP	DVP	DVP
<b>Cleaning</b>	DEI water	SND	SND	SND	SND	SND
<b>Standards</b>	-	UL 94V0 / NF EN 61086	UL 94V0 / UL 746E	UL 94V0 / UL 746E	UL 94V0	UL94V0
<b>Packaging</b>	5L	1L,5L	1kg, 5kg	1kg, 5kg	Syringe 30mL, 1kg, 5kg, 20kg	Syringe 30mL, 1kg, 5kg, 20kg



Discover the conformal coating  
Video AVR80 BA acrylic repairable