



LET'S STICK TOGETHER

Article number	Name	Type	Components	Colour	Pot life	Curing	Viscosity	Shore hardness	Tg	E-module	Temperature range	Remarks
102700	Epicol 11	Epoxy	2 K	transparent, yellowish	5 - 10 min	25 °C 60 min	50 - 70 Pas	60 - 70 D	15 °C	280 MPa	-55 °C bis + 80 °C	Viscoplastic, universal adhesive, short processing time
102569	Epicol 110	Epoxy	2 K	yellow	10 min	25 °C 4 h	20 - 30 Pas	20 - 30 D	n.a.	10 MPa	- 20 °C bis + 50 °C	Temporary bonds
102860	Epicol 12	Epoxy	2 K	beige	6 - 12 min	25 °C 60 min	50 - 70 Pas	85 D	30 - 40 °C	3000 MPa	-55 °C bis + 80 °C	Viscoplastic, very good shear and impact resistance, short processing time
101698	Epsilon 2103	Epoxy	2 K	transparent	360 min	40 °C 24 h	440 - 660 mPas	75 -85 D	70 - 80°C	2000 MPa	-55 °C bis + 150 °C	ISO 10993 certified, optics, medical and semiconductor adhesive
230004	Epicol 230004	Epoxy	2 K	orange to pink	90 min	25 °C 24 h	25 - 35 Pas	80 D	65 - 75 °C	2000 MPa	-55 °C bis + 125 °C	ISO 10993 certified, very high strengths and resistance, shock-resistant. Bonding of metals, glass, plastics, ceramics and fibre composites.
237399	Epicol 237399	Epoxy	2 K	dark grey	45 min	25 °C 18 h	5 - 8 Pas	85 -90 D	60 - 70 °C	2400 MPa	-55 °C bis + 100 °C	Universal adhesive for metal and plastic
197990	Epicol 284 Hybrid	Hybrid	2 K	dark grey	90 min	25 °C 24 h	20 - 25 Pas	70 - 75 A	- 60 °C	n.a.	-60 °C bis + 125 °C	Very good adhesion and permanent elasticity even at low temperatures. Adhesive for resisting large differences in expansion or dynamic loads.
284281	Epicol 284281	Epoxy	2 K	grey	45 min	25 °C 18 h	40 -50 Pas	60 - 70 D	20 - 30 °C	680 MPa	-55 °C bis + 85 °C	ISO 10993 certified, low-tension bonds in optics, good adhesion to metal, plastic and glass.
103005	Epicol 295	Epoxy	2 K	transparent, yellowish	180 min	25 °C 48 h	400 mPas	60 A	n.a.	n.a.	-55 °C bis + 85 °C	extremely low-tension bonds in optics, flexible plastic or potting compound.
305795	Epicol 305795	Epoxy	2 K	transparent, yellowish	120 min	25 °C 24 h	30 - 50 Pas	60 D	45 - 55 °C	720 MPa	-55 °C bis + 85 °C	metal glass bonds with position stability
310658	Epicol 31	Epoxy	2 K	transluzent	60 min	25 °C 24 h	9 -11 Pas	35 -50 D	25 - 35 °C	340 MPa	-55 °C bis + 85 °C	low-tension bonds in optics, good adhesion to metal, plastic and glass.
100475	Epicol 318	Epoxy	1 K	grey	n.a.	120 °C 60 min	30 - 60 Pas	80 - 90 D	130 °C	1500 MPa	-55 °C bis + 190 °C	Extremely high shear and impact resistance, high Tg, highest chemical resistances (e.g. oil), autoclave-resistant
197325	Epicol 325	Epoxy	2 K	transparent dark red	180 min	80 °C 35 min	3 - 5 Pas	80 - 90 D	110 °C	2300 MPa	-55 °C bis + 250 °C	ISO 10993 certified, chemical-resistant and autoclave-resistant
103769 / 103773	Epicol 33	Epoxy	2 K	transparently reddish or coloured	360 min	80 °C 30 min	300 - 660 mPas	80 - 90 D	90 °C	n.a.	-55 °C bis + 200 °C	low expansion coefficient, underfill or potting compound.
348990	Epicol 348990	Epoxy	2 K	transparent	60 min	25 °C 18 h	100 -200 mPas	80 - 90 D	65 °C - 70 °C	2400 MPa	-55 °C bis + 100 °C	Transparent bonds, very low viscosity with very good capillary tendency.
103530	Epicol 530 G	Epoxy	2 K	fluorescent yellow	480 min	100 °C 60 min	40 - 100 mPas	60 - 65 D	n.a.	600 MPa	-55 °C bis + 100 °C	Underfill, fluorescent potting
224002	Epicol 81 N	Epoxy	2 K	black	45 min	25 °C 18 h	40 -50 Pas	60 - 70 D	30 - 35 °C	680 MPa	-55 °C bis + 85 °C	low-tension bonds in optics, good adhesion to metal, plastic and glass.
202392	Epicol 83 S	Epoxy	2 K	silver	3 Tage	80 °C 120 min	10 - 20 Pas	80 - 85 D	50 - 70 °C	n.a.	-55 °C bis + 150 °C	Electrically conductive
	Epicol 84 S	Epoxy	2 K	silver	120 min	25 °C 24 h	10 - 20 Pas	60 - 70 D	50 - 70 °C	n.a.	-55 °C bis + 150 °C	Electrically conductive
102483	Unocol 110	Acrylate	1 K	beige	n.a.	UV	35 - 45 Pas	80 A	n.a.	60 MPa	- 20 °C bis + 60 °C	Temporary bonds
103786	Unocol 110 LV	Acrylate	1 K	beige	n.a.	UV	15 - 20 Pas	80 A	n.a.	60 MPa	- 20 °C bis + 60 °C	Temporary bonds
103161	Unocol 161	Acrylate	1 K Dual Cure	red	n.a.	UV/ 80 °C 120 min	200 - 400 mPas	60 D	35 - 45 °C	200 MPa	-55 °C bis + 125 °C	Dual cure, must be delivered cooled
102833	Unocol 38	Acrylate	1 K Dual Cure	transparent, yellowish	n.a.	UV/ Aktivator / 120 °C 30 min	20 - 25 Pas	60 D	40 - 50 °C	280 MPa	-55 °C bis + 125 °C	Dual cure
102834	Unocol 382	Acrylate	1 K	transparent	n.a.	UV / VIS	5 - 10 Pas	50 - 60 D	35 - 45 °C	200 MPa	-55 °C bis + 125 °C	flexible UV adhesive, good adhesion to plastic, glass and metal.
103760	Unocol 760	Acrylate	1 K Dual Cure	fluorescent yellow	n.a.	UV/ 80 °C 120 min	60 - 100 Pas	50 - 60 D	n.a.	n.a.	-40 °C bis + 120 °C	Dual cure
100333	Unocol 818	Acrylate	1 K	transparent	n.a.	UV / VIS	3 - 7 Pas	48 - 55 D	n.a.	n.a.	-40 °C bis + 110 °C	flexible UV adhesive, good adhesion to plastic, glass and metal.
100342	Unocol 943	Acrylate	1 K Dual Care	transparent	n.a.	UV/VIS / 80 °C 120 min	6 - 8 Pas	60 - 65 D	30 - 40 °C	520 MPa	-55°C to + 125 °C	Dual cure adhesive, very good adhesion to glass and metal, moisture-resistant, must be delivered cooled
100214	Unoflex	MS Polymer	1 K	black	15 min	24 h > 2mm	standfest	40 - 50 A	n.a.	2.2 MPa	-40 °C bis + 90 °C	Dense flexible bonding, very good adhesion to a variety of substrates
130117	Unoflex 502	MS Polymer	1 K	transparent / black	10 min	24 h > 2mm	flüssig	45 - 55 A	n.a.	1.8 MPa	-40 °C bis + 90 °C	low viscosity flexible adhesive, potting compound, very good adhesion to a variety of substrates
103620	Unoflex Light	MS Polymer	1 K	cream white	5 min	24 h > 3mm	standfest	35 A	n.a.	1.0 MPa	-40 °C bis + 90 °C	flexibly resettable foam seal
102601	Unocol CA13	Cyanacrylate	1 K	transparent	n.a.	n.a.	1500 mPas	n.a.	n.a.	n.a.	- 20 °C bis + 85 °C	Instant adhesive
103767	Unosil 801	Silikon	2 K	transparent	90 min	25 °C 24 h	2800 mPas	40 - 45 A	n.a.	7.0 MPa	- 60 °C bis + 250 °C	highly transparent, mechanically very stable silicone adhesive or potting compound, low viscosity
284254	Epsilon 410	Silikon	2 K	transparent	240 min	25 °C 48 h	3500 mPas	50 A	n.a.	4.0 MPa	- 70 °C bis + 200 °C	

## Headquarter

### **APM Technica AG**

Max-Schmidheiny-Strasse 201  
CH-9435 Heerbrugg  
Tel: +41 71 788 31 00  
Fax: +41 71 788 31 10  
Mail: [info@apm-technica.com](mailto:info@apm-technica.com)  
[www.apm-technica.com](http://www.apm-technica.com)

## APM Group

### **APM Technica GmbH**

Stoffener Strasse 37  
D-86932 Pürgen-Ummendorf  
Tel: +49 8196 998 7761  
Fax: +49 8196 998 7762  
Mail: [info-deutschland@apm-technica.com](mailto:info-deutschland@apm-technica.com)  
[www.apm-technica.de](http://www.apm-technica.de)

### **APM Technica AG**

Light Industry & Science Park  
PH-4025 Cabuyao , Laguna  
Phone: +63 49 543 0353  
Fax: +63 49 543 0906  
Mail: [info@apm-technica.com](mailto:info@apm-technica.com)  
[www.apm-technica.com/ph](http://www.apm-technica.com/ph)

### **ABATECH Ingénierie SA**

Rue du Marché 4  
CH-2300 La Chaux-de-Fonds  
Tél: +41 32 968 85 50  
Fax: +41 32 968 85 51  
Mail: [info@abatech-ing.com](mailto:info@abatech-ing.com)  
[www.abatech-ing.com](http://www.abatech-ing.com)

### **Polyscience AG**

Riedstrasse 13  
CH-6330 Cham  
Tel:+41 41 748 80 30  
Fax: +41 41 748 80 39  
Mail: [info@polyscience.ch](mailto:info@polyscience.ch)  
[www.polyscience.ch](http://www.polyscience.ch)

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