

DV-EP100-FLEX

Fast Curing, Flexible Adhesive for General Purposes

DESCRIPTION

DV-EP100 Flex is a two component, flexible and very fast curing, epoxy glue displaying excellent adhesion to metals and ceramics. The DV-EP100 Flex has thermal shock resistance over a medium range of temperatures and its flexibility avoids any deformation between the adhesive articles.

PROPERTIES - UNCURED

	<u>A</u>	<u>B</u>
Color, visual	clear/light blue	Clear, yellow
Specific Gravity, g/cm ³	1.15 +/- 0.02	1 +/- 0.03
Viscosity, ASTM-D-2393 (cps @ 25°C)	1500-2500	9000-12000
Mix Ratio, (valium)	1:1	
Set time @ 25°C, min.....	4-6	
Curing Time 1 mm thickness @ 25°C....	3-4 hrs.	
Shelf Life, months.....	12	12

PROPERTIES CURED

	Test Methods	Limits
Tensile strength, bulk (kg/cm ²).....	ASTM-D-638	130-140
Tensile Elongation, bulk (%)	ASTM-D-638	17-25
Tensile lap shear, Al/Al, kg/cm ²	ASTM-D-1002	130-150
Service Temperature. (°C).....	ASTM-D-794	-30 to +80
Hardness, Shore D.....	ASTM-D-2240	50-60
Izod Impact (J/cm).....	ASTM-D-226	5
Dielectric Strength kV/mm.....	ASTM-D-149	16
Volume resistivity, Ohm-cm.....	ASTM-D-257	10 ¹⁴
Flexibility.....		Flexible

PACKAGING

DV-EP100 Flex supplied in dual pack cartridges 25x2ml or 150x2ml, as well as in bulk 1 or 5 kg per pail.



Devtec Technological Adhesives Ltd.

P.O.B 1397 Hod Hasharon 45112
 Offices: 19 Alexander Yanai St., Petach Tikva, ISRAEL
 Tel.+972-3-9306694 Fax.+972-3-9043717

www.devtec.co.il sales@devtec.co.il

דבטק דבקים טכנולוגים בע"מ

למכתבים: ת.ד. 1397 הוד השרון 45112
 משרדים: אלכסנדר ינאי 19, פתח תקוה
 טל'. 03-9306694 פקס. 03-9043717