

Araldite DVDR / RW adhesives from Huntsman Advanced Materials

High Performance Adhesives for DVDR / RW

The market for DVDR and DVD RW discs presents new bonding challenges both technically and commercially. High disc burning temperatures combined with sensitive recording dye layers forces new adhesive requirements. This combined with the commercial reality of ever increasing disc prices places greater pressure on the development of innovative and cost effective adhesives.

Huntsman Advanced Materials, producers of the world leading Araldite adhesive for Pre-recorded DVD have developed and extensively market tested a new range of adhesives to meet the specific needs of DVDR and DVDRW.



Key features of the range include:-

- Suitability for both inline and offline bonding for DVDR and inline for DVDRW.
- Rapid cure for reduced cycle times.
- Passes elevated climate testing of 80°C / 85% RH / 96H (for DVDR) and 80°C / 85% RH / 500H for DVDRW*) *XD 4810 only.
- Minimises post climate jitter deviation, especially with reduced aluminium sputtering thicknesses.
- Cost effective formulations

Araldite DVD R / RW adhesives - Physical properties

	XD 4810	XD 4820	XD 4830
Viscosity	c. 190 mPas	c. 300 mPas	c. 550 mPas
Shelf life	1 year	1 year	1 year
DVD equipment suitability	Alpha Sweden	M2 Engineering Krauss Maffei	Steag HamaTech Singulus
Format suitability	DVDRW / DVDR	DVDR	DVDR
Substrate suitability			
CD lacquer	●	●	●
Polycarbonate	●	●	●
Silver	●	●	●
Silver Alloy	●	●	●
Climate test	Passes 80°C/85%RH/500H (DVD+RW)	Passes 80°C/85%RH/96H	Passes 80°C/85%RH/96H