



Highcon DART **Economy** Consumables

These are based on the consumables that have been in use at numerous customer sites around the world since the introduction of the Highcon digital cutting and creasing machines.

They are ideally suitable for:

- Short runs
- One-time use

Writing the rules takes ~15 minutes including the time needed to cure the foil once the crease lines have been written.

Highcon DART **Premium** Consumables

The latest generation DART Resin and DART Foil offer the following advantages:

- Reusable foil* saves costs for faster ROI
- Rapid writing of rules ~10 minutes for first job
- Re-use ~5 minutes!
- Wide substrate gamut
- Savings of up to 80% of consumables cost for rapid machine ROI



Digital Adhesive Rule Technology - DART

The Highcon DART technology for digitally driven mechanical creasing comprises 3 elements: the DART resin which is the polymer which is written onto the DART foil, and which produces the creases when sheets pass between the DART foil and the DART counter.

Highcon technology enables software control over the rule dimensions (Virtual Nozzles) to optimize creasing quality, adaptation to different substrates, grain and cross grain direction.

*Up to 5 months from initial writing under certain conditions detailed in Storage & Handling Procedure document. Between 3-5 repeats or 30-50k impressions



	Euclid III/IIIS		Beam		Euclid IIIC	
	Economy	Premium	Economy	Premium	Economy	Premium
Lifespan	5,000 impressions	50,000 impressions	5,000 impressions	50,000 impressions	5,000 impressions	50,000 impressions
Substrates	Up to 450 μ (18pt.)	200-600 μ (8-24pt.) N+F+G up to 1.2mm (47pt.)	Up to 450 μ (18pt.)	200-600 μ (8-24pt.) N+F+G up to 1.2mm (47pt.) E up to 2mm (78pt.)	1-3mm (40-120pt.) (N+F+G+E+B)*	1-3mm (40-120pt.) (N+F+G+E+B)*
Number of re-uses		Up to 5		Up to 5		Up to 5
Set up time reduction (for first writing)		5 minutes		5 minutes		7 minutes

For different use cases customers can choose which consumables package best suits their applications – Economy or Premium



Please contact our sales team for further information, or visit www.highcon.net

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Storage conditions: > Temperature: 18°C to 27°C (64°F to 81°F) > Humidity: 40% - 60%