



## Key Features

- 7-10 minute handling time
- Suitable for metals & plastics without “read-through” marking
- Black in appearance
- Bonds common and uncommon materials
- Non-Thermal curing process
- Low-odour, non-flammable & non-carcinogenic
- Ideal for equalisation of tension across joints

# Stykra 3000 Flexi+

## Methacrylate Adhesive

Model No: **GA3000**

The Stykra 3000 Flexi+ is a new generation methacrylate 2-part adhesive. Utilising market leading technology the 10:1 formulation provides incredible structural strength combined with flexibility, designed to withstand dissimilar material bonding by allowing stress dissipation across joints. The unique adhesive mix does not produce a strong thermal reaction which completely removes the “read-through” issues some materials face with standard curing processes. Suitable for bonding a variety of materials including: Aluminum, Steels, ABS, Acrylic, UPVC, GRP, HPL, granite, marbles and even wood

## Properties of uncured material

Item	Unit	Spec	Test Method
Colour	-	Black	-
Appearance	-	ThixotropicGel	-
Viscosity	cps	250,000 to 300,000	Brookfield T Bar
Cure System	-	non - peroxide	-

## Performance of cured material

Item	Unit	Spec	Test Method
Aluminium	N/mm <sup>2</sup>	14.36	ASTM D1002 lapshear
Polycarbonate	N/mm <sup>2</sup>	5.5 (substrate fail)	ASTM D1002 lapshear
HIPS	N/mm <sup>2</sup>	5.2 (substrate fail)	ASTM D1002 lapshear
Stainless Steel	N/mm <sup>2</sup>	15.33	ASTM D1002 lapshear
Mild Steel	N/mm <sup>2</sup>	18.37	ASTM D1002 lapshear
GRP	N/mm <sup>2</sup>	5.8 (substrate fail)	ASTM D1002 lapshear
ABS	N/mm <sup>2</sup>	4.77	ASTM D1002 lapshear
Nylon	N/mm <sup>2</sup>	4.96	ASTM D1002 lapshear
FRP	N/mm <sup>2</sup>	5.8 (substrate fail)	ASTM D1002 lapshear
Gap fill	mm	3	-
Service Temperature	°C	-55 to +120	-
Tensile Strength at Break	N/mm <sup>2</sup>	10.9	ISO 527 1A
Elongation at Break	%	104%	ISO 527 1A
UV stability	-	Excellent	-

Unless stated otherwise all values given are average. All of the adhesives in our range should be thoroughly tested on the substrates in the particular application they are intended for. Stykra will not be responsible for the product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended purpose.