

Assembly of large
and complex parts?
Make it simple.

Araldite® 2023

Structural acrylic adhesives

The new range of flexible adhesives
for tough joining and sealing
of large and complex parts



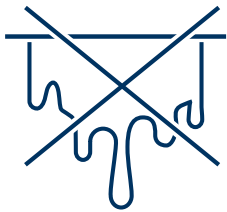
Araldite® 2023

New acrylic adhesives designed for large and complex multimaterial assemblies

The new Araldite® 2023 adhesives are engineered for tough joining and sealing of large parts without sagging, making them ideal for vertical and complex bonding applications.

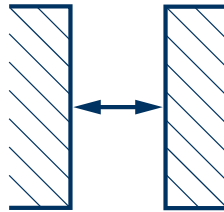
Offering high gap filling and elongation properties, the new flexible adhesives are formulated to improve assembly processes and cosmetic appearance when bonding dissimilar materials such as composites, metals and plastics.

Tough, yet flexible bonds in dynamic environments



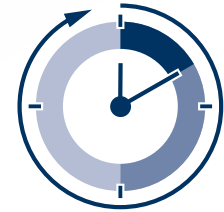
Non-sag

Can be applied to complex geometry, vertical and overhead surfaces



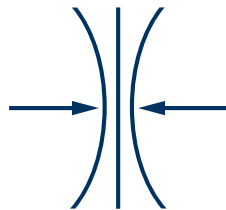
High gap fill

Compensates gaps up to 30 mm



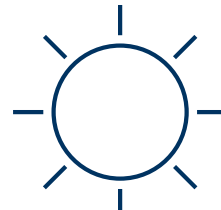
Modular curing

From 10 to 60 minutes for the right open / cure time ratio



Flexible

Compensates for the thermal expansion of different materials and dynamic loadings



UV stable

Bright grey color, will not yellow with age or sunlight

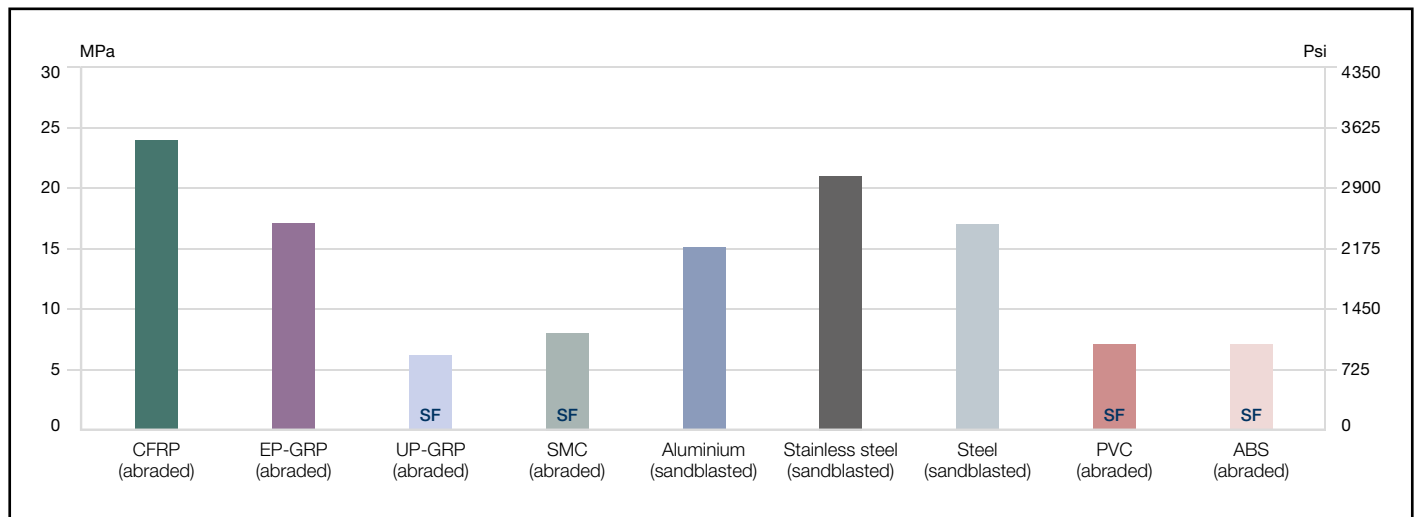
Typical product characteristics at 23°C

	Araldite® 2023-10	Araldite® 2023-30	Araldite® 2023-60
Open time	10 min	30 min	60 min
Time to reach handling strength (1 MPa)	40 min	70 min	100 min
Tensile modulus	700 - 800 MPa		
Elongation at break	> 100%		
UV stability*	No yellowing		
Gap filling	Up to 30 mm		

*1000 h Atlas Suntest XLS+ / 500 W/m²

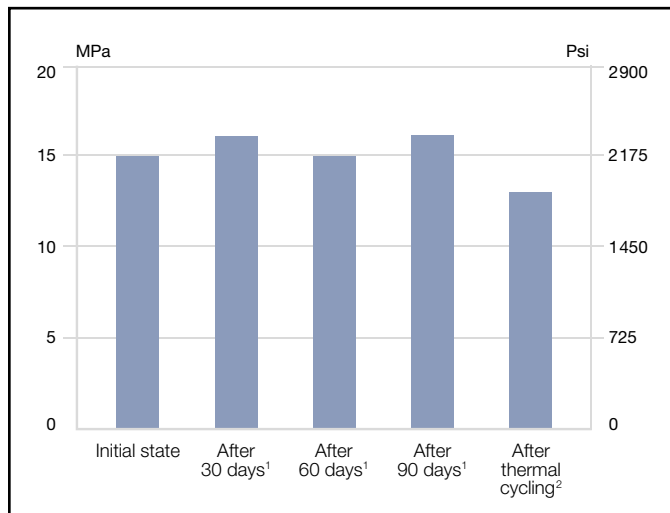
Lap Shear Strength at 23°C

ISO 4587



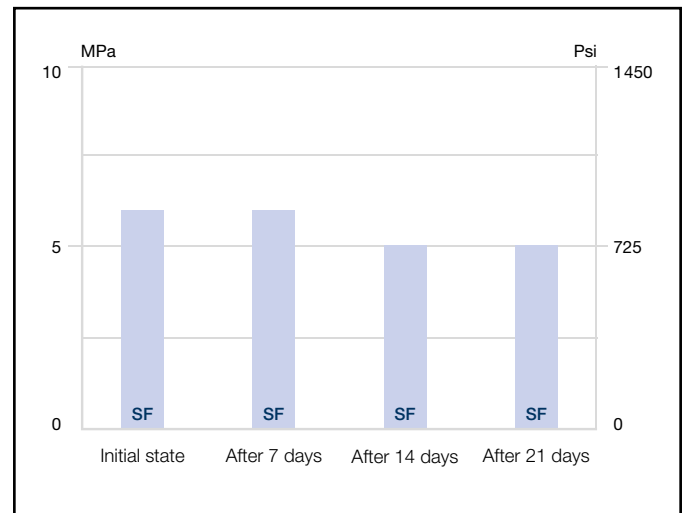
Lap Shear Strength after ageing on aluminium

ISO 4587



Lap Shear Strength after ageing on UP-GRP

Cataplasma ageing ISO 9142-E2



¹Immersion in water | ²Thermal cycling 100 cycles (2h at -30°C / 1h up to 70°C / 2h at 70°C / 1h down to -30°C) | SF: Substrate failure

Huntsman Advanced Materials

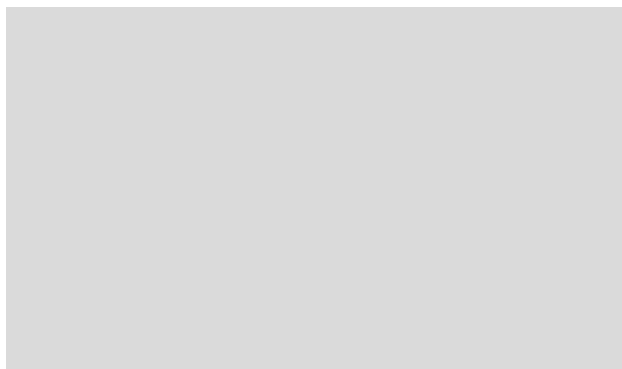
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Our capabilities in high-performance adhesives and composites, delivered by more than 1 600 associates, serve over 2 000 global customers with innovative, tailor-made solutions and more than 1 500 products which address global engineering challenges.

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