

The logo for SIEGEL, featuring the word "SIEGEL" in white, uppercase, sans-serif font inside a red square.

Bond for Life.

Hotmelt Product Guide

A large background image showing a close-up of a brown cardboard surface with a vertical black strip of hotmelt adhesive. Several clear, cylindrical adhesive strands are shown horizontally, some overlapping the black strip, demonstrating the product's application in various scenarios.

Labelling
Case & Carton
Cap Seal
Palletising
Straw Attachment



Superior Technologies

The foundation of our partnership with our customers has always been to supply best in class adhesive technologies. We understand reworks, production downtime, and product transport damage is much higher cost risk than the initial cost of adhesive.

Optimised Control Systems

A superior adhesive does not necessarily mean a superior outcome. Development and implementation of proven control systems is key to the ultimate outcome. This includes introducing performance standards, Quality Control Systems and production checks to guarantee optimal performance on your lines every day.

Onsite Tech Support

We've developed systems that ensure precise formulation and manufacturing, resulting in adhesives and sealants that deliver reliable, repeatable results, batch after batch, for optimal performance and unwavering consistency.

Partnership Commitments

Transparency and Honesty:

We operate with complete transparency, providing clear and accurate information about our products, processes, and capabilities. We believe in honest communication, even when faced with challenges.

Reliability and Consistency:

Our clients rely on us for consistent product quality and dependable service. We are committed to delivering on our promises, every time.

Integrity and Ethical Conduct:

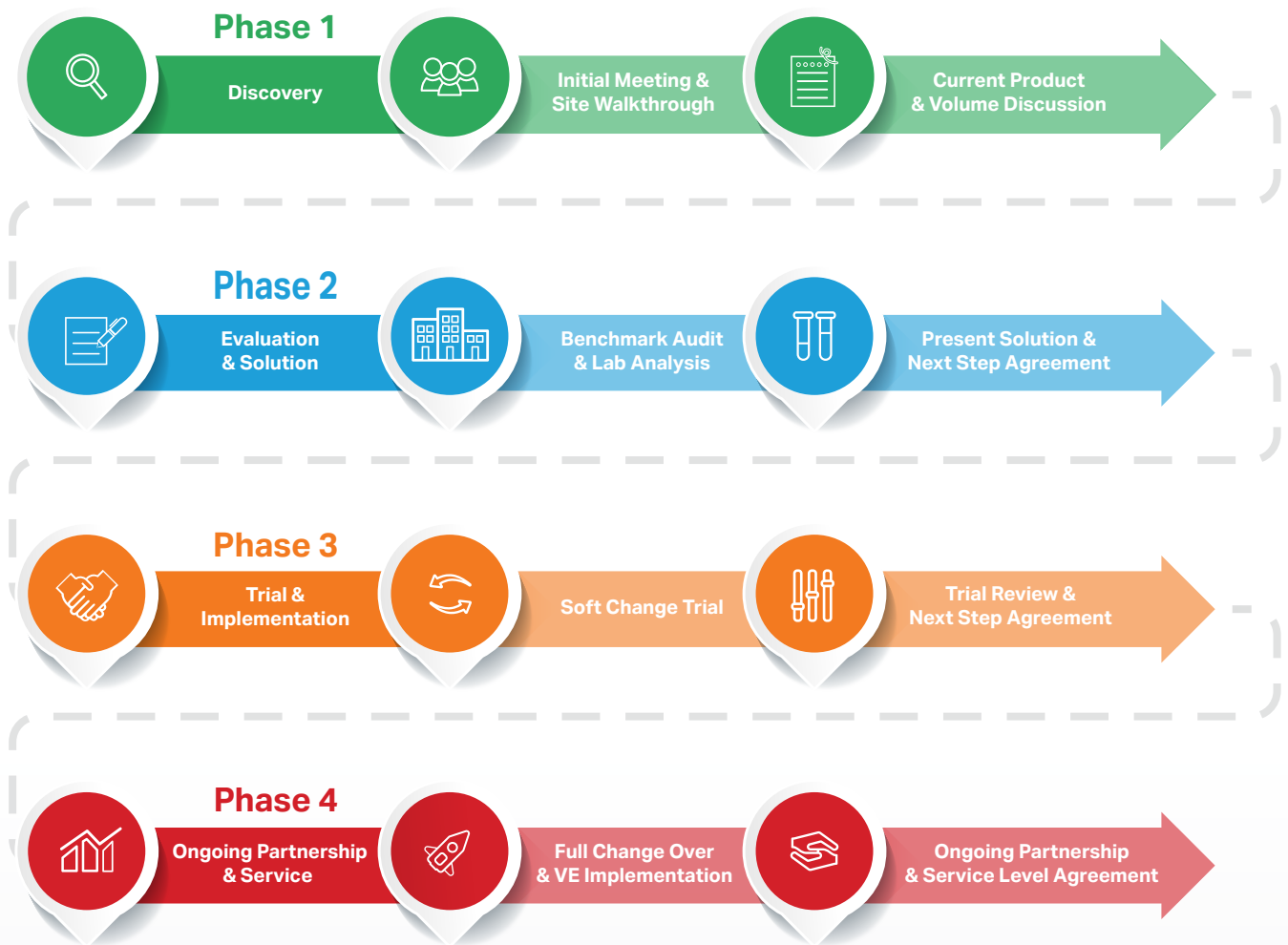
We adhere to the highest ethical standards in all our business dealings. Our integrity is non-negotiable, and we strive to build long-term relationships based on mutual respect and fairness.

Confidentiality and Security

We recognize the importance of protecting sensitive information. Our clients can trust us to handle their data with the utmost confidentiality and security.

Responsiveness and Support:

We are dedicated to providing responsive and proactive support to our partners. We listen to their needs, address their concerns, and work collaboratively to find solutions.



Phase 1: Discovery

Objective: Understand partner needs & challenges.

Activities: Initial meeting and site walkthrough, current product and volume analysis, audit planning.

Deliverables: Meeting summary, site report, volume data, audit schedule.

Phase 2: Evaluation & Solution Development

Objective: Develop tailored adhesive solution.

Activities: Benchmark audit, lab analysis, solution presentation, trial agreement.

Deliverables: Audit report, lab report, solution proposal, trial agreement.

Phase 3: Transition & Implementation

Objective: Smooth transition to new adhesive.

Activities: Soft trial, monitoring, full changeover, support and training.

Deliverables: Trial report, monitoring report, implementation plan.

Phase 4: Ongoing Partnership & Service

Objective: Maintain strong, beneficial partnership.

Activities: Service Level Agreement establishment, regular reviews, proactive support, continuous improvement.

Deliverables: Service Level Agreement review reports, communication logs.

Ultimelt X

This ground breaking cross linked adhesive technology delivers tangible commercial and performance advantages for manufacturers serious about product efficiency and world leading manufacturing practices.

Ultimelt X8

High Performance Cross Linked Hot Melt

Ultimelt X8 is a High Performance Cross Linked Hot Melt Adhesive for a wide range of case and sealing carton applications.

Ultimelt X10

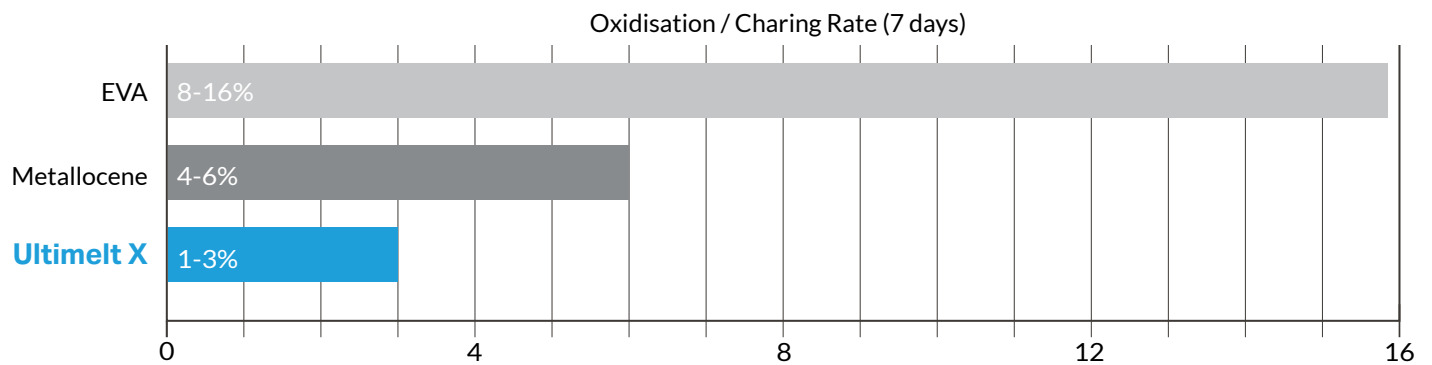
Ultra Performance Cross Linked Hot Melt

Ultimelt X10 is an Ultra Performance Cross Linked Hot Melt Adhesive for a wide range of case and sealing carton applications where extreme performance or optimisation is required.

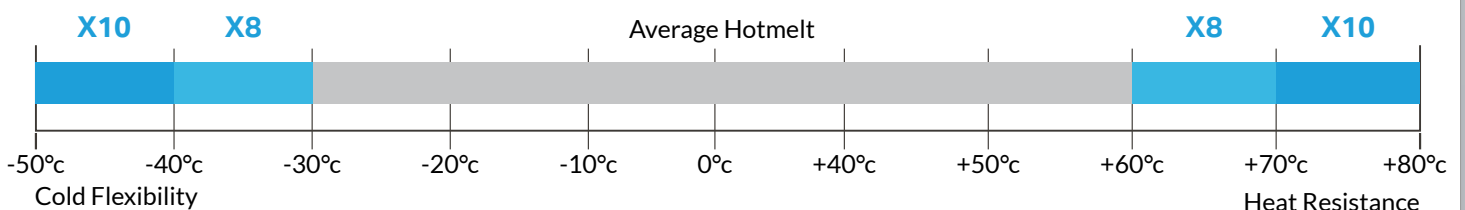
Adhesive Efficiency



Clean Running



Greater Thermal Stability





Case & Carton Erecting

Ultimelt

Crosslinked Synthetic Hotmelt

High-performance hot melt adhesives for demanding industrial bonds across diverse substrates, ensuring reliable performance.



Case & Carton Erecting

Heatspek

Premium Synthetic Hotmelt

Heat-resistant adhesives maintaining bond strength under heat stress, crucial for high-temperature applications.



Straw Attachment



Cap Seal

Cleanspek

Pressure Sensitive Hotmelt Adhesive

Adhesives minimizing residue and stringing for clean, efficient production lines.



Product Labelling

Labellok

Waterbased Labelling Adhesive

Adhesives tailored for secure label application on diverse surfaces, ensuring long-lasting adhesion.



Palletising

Palletlok

Waterbased Palletising Adhesive

Robust adhesives for pallet stabilization, preventing load slippage and ensuring safe transport.



Product Labelling

Speedlok

Waterbased Converting Adhesive

Rapid-bonding adhesives accelerating production with fast set times and strong bonds.



Key part of our audit and support system is to have:

1. Clearly displayed temperature and pressures for each machine, to achieve yield targets and optimal performance.
2. Clearly displayed correct box dimensions to ensure day to day box machine misalignment is resolved quickly.
3. Optional checks for operators to measure and record for supervisor sign off each shift.

Lid Quality Check
Check & Record Twice Daily

Lid Replacement
Check & Record Twice Daily

1. Lid creased aligned with carton?
2. Glue bead replacement as per visual standard?
3. No blocked nozzles or smudging?

Glue Settings
Check & Record Twice Daily

1. Glue temperatures at sticker settings?
2. Glue pressure at sticker settings?
3. Full fibre tear on each flap?

For Technical Assistance, please call:
Roger Gullan | 0488 909 044 **Charles Reynolds** | 0427 977 623

Daily Check Sheet For Lidders

Date / Shift	Step 1. Glues Settings				Step 2. Bead Check	
Date / Shift	Tank	Hose	Gun	PSI	Correct Placement	Nozzle/Bead Check
1						
2						
3						
4						

Date / Shift	Tank	Hose	Gun	PSI	Correct Placement	Nozzle/Bead Check
1						
2						
3						
4						

Date / Shift	Tank	Hose	Gun	PSI	Correct Placement	Nozzle/Bead Check
1						
2						
3						
4						

Date / Shift	Tank	Hose	Gun	PSI	Correct Placement	Nozzle/Bead Check
1						
2						
3						
4						

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ADHESIVES

Tank Temp. _____
 Hose Temp. _____
 Gun Temp. _____
 Pressure. _____

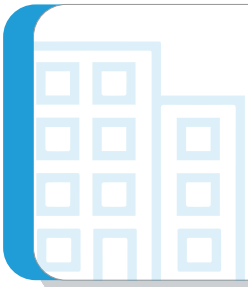
Charles Reynolds
 M: 0427 977 623
 E: charles.r@siegeladhesives.com
 W: siegeladhesives.com

TDS
Technical Data Sheet

SDS
Safety Data Sheet

Heatspek 5000
Premium Hot Melt Adhesive

H5000GRL-15



Site Audits

Regularity: 6-10 Weeks

Your Siegel technical contact will arrange a technical audits every 6-10 weeks depending on application complexity. These audits will include an adhesive performance and usage check on each line. In this audit, applicator and mechanical checks are also completed as a preventative measure.



Audit Reports

Regularity: Same Day

Comprehensive reports are compiled during these audits and emailed to all key site contacts. Reports include adhesive yield, key application settings and performance recommendations. This provides your team a simple and effective feedback loop to improve line reliability.



24/7 Support

24/7 Virtual Technical Support is available for all active customers. This provision means Trained Technical support members are always available via your preferred method of communication. This includes phone, zoom and video call platforms.

Settings

HEATSPEK MAX 5000
Code: H5000GRL15

AIR: 60/50 PSI
 TANK: 165°C
 HOSE: 165°C
 GUN: 165°C

Performance

WEIGHT: 12.23g
 YIELD: 82
 ON TARGET

NOTES:
Running well.
Running large trays which explains the higher coat weight to previous audit.

Chilled Base Packaging Solution

For Technical Assistance, please call:
1300 729 863
technical@siegeladhesives.com

Siegel Adhesives delivers consistently high-quality, traceable adhesives through rigorous inspections, ensuring environmentally compliant and food-industry approved water-based and hot melt solutions.



Quality Management

Siegel Adhesives is a Quality Assured Company and operates a complete Quality Management System certified to comply with the requirements of ISO 9001.

This comprehensive management system safeguards our reputation by ensuring careful control is maintained; sustaining the consistency and integrity of our adhesive products.



Identification & Traceability

Clear and accurate product and batch details are recorded at three stages of processing, which include:

1. Raw material receiving inspection
2. In-process inspection
3. Finished product inspection

These inspections include a ten point performance check. The product must comply with each performance marker before being passed.

Records of all batches are maintained and retained samples are held for a minimum of 5 years. Certificates of analysis are available upon request.



Health and Safety

Siegel Adhesives manufactures and supplies environmentally safe and compliant water-based, and hot melt adhesives to industrial users. All products we supply to the food and beverage industry comply with the requirements of regulatory bodies for indirect food contact.

All industrial adhesive products are engineered to comply with regulatory requirements to protect the well-being of our partners, end users and the environment.

Siegel Adhesives is dedicated to environmental and corporate sustainability by way of responsible manufacturing and trading practices.



Environmental Sustainability

Siegel Adhesives' Environmental Sustainability Policy commits to responsible manufacturing, reducing our ecological footprint, promoting sustainable practices, and complying with regulations.

We aim to minimize our hotmelt adhesive manufacturing's environmental impact and integrate sustainability into operations, products, and culture.



Ethical Trading Policy

Siegel is committed to this policy and will conduct business in an ethical, legal and socially responsible manner. This commitment extends to suppliers and other associated external resources with which we chose to do business.

We will purchase goods and services to the highest standards of ethical and environmental trade practices to include the provision of safe working conditions and the protection of workers across our supply chain. Siegel conducts business in accordance with the Ethical Trading Initiative Base Codes.



Modern Slavery Prevention Policy

Siegel Adhesives has a zero-tolerance approach to any form of modern slavery including servitude, human trafficking and forced labour.

Our Modern Slavery policy ensures we operate in accordance with the Business Supply Chain Transparency on Trafficking and Slavery Act of 2014 in the United States of America, the Modern Slavery Bill 2018 in Australia and the Modern Slavery Act 2015 in the United Kingdom.

Siegel Adhesives ensures stable, cost-effective supply through global multi-region manufacturing and by offering next-day delivery from multiple local stock locations.

Guaranteed Consistent and On-time Supply

Siegel operates **13 stock locations** across Australia and New Zealand

We offer first-class service to both metro and regional areas. These multiple stock locations means we can offer standard next day delivery to most customer locations.

We also offer **4-hour time** critical delivery service for all Metro Locations, the Riverina, Sunraysia and Tasmania.



Ability to manufacture all products in **4 global geographic locations**.

Next day delivery; same-day and urgent **4-hour service** for metro deliveries as required.


Sourcing of raw materials from **4 geographic regions**.

6 months of finished product in each warehouse for guaranteed forward supply.

13 Australasian regional warehouses for holding stock of finished product.

Siegel Adhesives has manufacturing sites in Australasia and in three other global locations as a means of providing manufacturing efficiencies to our partners. We produce in high volume at each site according to its proximity to raw material refineries. This guarantees supply stability and maintains raw material cost control.

Our primary consideration is a guarantee of consistent and on-time supply. To protect our supply chain from risk, we have implemented the following practices:



The image shows a smartphone screen displaying a social media post from JBS Australia Pty Limited. The post text reads: "We partnered with Siegel Adhesives (@siegel-adhesives) to deliver an approximate reduction of 27,200kg in single use thermoplastic material annually across some of our Beef processing plants, a 16% reduction in adhesive consumption. Working with Siegel Adhesives, Ultimelt X10 Cross Linked hot melt packaging adhesive was developed and commercialized. This adhesive is used to seal cartons across our processing plant, an integral part of our business. This initiative has enhanced packaging performance and reduced packaging waste associated with carton reworks on an ongoing basis. Implemented across our JBS Beef City, Dinmore, Townsville, Riverina, Rockhampton and Scone Beef Processing Facilities this year, this technology will be implemented across other JBS sites for further reduction in single use thermoplastic material during 2025." The background of the post shows stacks of 'Royal' brand beef cartons.

Australia's largest and most respected meat and food producer.

We partnered with Siegel Adhesives to deliver an approximate **reduction of 27,200kg in single use thermoplastic material annually** across some of our Beef processing plants, a 16% reduction in adhesive consumption.

Working with Siegel Adhesives, Ultimelt X10 Cross Linked hot melt packaging adhesive was developed and commercialized. This adhesive is used to seal cartons across our processing plant, an integral part of our business. This initiative has **enhanced packaging performance and reduced packaging waste** associated with carton reworks on an ongoing basis.

Implemented across our JBS Beef City, Dinmore, Townsville, Riverina, Rockhampton and Scone Beef Processing Facilities this year, this technology will be implemented across other JBS sites for further reduction in single use thermoplastic material during 2025.



The image shows a smartphone screen displaying the NH Foods website. The website features the NH Foods logo, a language selection dropdown set to 'English', and a 'REGISTER AT THE HUB' button. Below the navigation is a large image of several cuts of Australian beef. The text 'Australian beef, global purpose' is overlaid at the bottom of the image.

Australian beef, global purpose

For the past decade Oakey Beef have been enjoying the benefit of Siegel's unique methodology to supplying and servicing our hotmelt adhesive requirements.

This was not always the case, before Siegel were involved, we were getting about 10% of the cartons with popped flaps. Obviously we had people on strapping machines making up for the poor performance of the hotmelt.

When we transitioned to Siegel's Ultimelt product, **we saved 15% on our glue usage due to a superior performance and have eliminated popped flaps.** This has saved us a lot of time and money in rework.

Siegel have also set up a quality assurance program which involves setting a standard of operating, and they regularly audit our site and provide us with an audit report on how we are performing, and any adjustments we need to make.

Their technical support is excellent and are very responsive and **if I wanted a technician on site, they would be here within 24 hours.**

I would highly recommend Siegel to anyone using Hotmelt adhesive.
Mal McBride – Production Manager NH Foods Oakey Beef Exports



SIEGEL

Bond for Life.

Product details and specifications are subject to change without notice. Images are for illustrative purposes only. Actual product may vary.

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Hotmelt Product Guide
Edition 1

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Adelaide
Auckland

Melbourne
Perth
Mildura

Brisbane
Devonport
Riverina