

# ADHESIVE PRODUCT

KAWAN LAMA INDUSTRIAL CATALOG 6

# **02**





# 02

## ADHESIVE PRODUCT

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From **Q**UALITY BRANDS :

**KRISBOW**<sup>®</sup>

**DOW CORNING**



# KRISBOW®



MADE IN ENGLAND

## Adhesive and Sealant

BONDING • THREADLOCKER • RETAINING COMPOUND • HYDRAULIC AND PIPE SEALANT • FLANGE SEALANT  
STRUCTURAL ADHESIVE • UV ADHESIVE • ACTIVATOR/PRIMER

### THE FRONTLINE Range

#### BONDING

Krisbow adhesive cyanoacrylates cure in seconds and give high strength bond on rubber, plastics, metal, wood, leather, ceramics, ferrites, stone, cork, glass and paper. No clamping is required. Tensile strengths of up to 5000 psi (35N/mm<sup>2</sup>) are obtained and Krisbow adhesive cyanoacrylates exhibit exceptional solvent and weather resistance. They are mono-component systems requiring no mixing or heating. As they do not contain solvents, bond shrinkage is negligible. The application of Krisbow adhesive cyanoacrylate adhesive can easily be automated for high efficiency production line use.

#### THREADLOCKER

Krisbow adhesive threadlockers prevent vibration loosening and seal against leakage and corrosion. One bottle of Krisbow adhesive threadlocking adhesive takes the place of a wide variety of traditional and sometimes ineffective vibration proofing methods, reducing cost and increasing performance.

#### RETAINING COMPOUND

Krisbow adhesive retaining compounds are used in the assembly of all coaxial components such as bearings, gears, shafts, bushes, pulleys, cylinders liners and rotors. They increase the load bearing characteristics of cylindrical joints, reducing assembly stresses and assembly costs.

#### HYDRAULIC AND PIPE SEALANT

Krisbow adhesive sealants are designed for thread and pipe sealing, replacing traditional PTFE tapes and dopes. Products seal instantly, will not shred, evaporate or shrink and facilitate assembly by lubricating the joint. Krisbow adhesive sealants resist pressure, vibration and temperature cycling as well as hydraulic fluids, oil, fuel and lubricants.

#### FLANGE SEALANT

Krisbow sealants are designed for thread and pipe sealing, replacing traditional PTFE tapes and dopes. Products seal instantly, will not shred, evaporate or shrink and facilitate assembly by lubricating the joint. Krisbow sealants resist pressure, vibration and temperature cycling as well as hydraulic fluids, oil, fuel and lubricants.

#### ACTIVATOR/PRIMER

Krisbow activators and primers for cyanoacrylate adhesives enhance cure speeds on porous and acidic surfaces, and permit bonding of polyethylene, polypropylene and even Teflon®. Used in post assembly applications. Krisbow activators permit fillet curing of cyanoacrylate adhesives and promote cure through gap. Krisbow anaerobic activators have been designed to accelerate the cure speed of anaerobic threadlockers, retainers, sealants and gasketing compounds are used on inactive substrate such as anodized metal, stainless steel, zinc and cadmium.

**BONDING**

► **Bonding - K1401**



**Applications :**  
Highly effective on porous and difficult bond substrates

- Features :**
- Surface insensitive
  - Bonds wood, metal, plastic, rubber and porous or acidic surface
  - Bonds in low humidity environments
  - Sets clear

**Technical Data :**  
Cured product strength : 21N/mm<sup>2</sup>  
Viscosity : 100 cPs  
Cure speed : 1-20 secs.  
Appearance : Clear  
Max. gap filling : 0.15mm  
Temperature range : -65° to 180°F (-54° to 82°C)

Order No.	Type	Description
KW1100029	K1401	Surface Insensitive CA 20gr
KW1100068	K1401	Surface Insensitive CA 500gr

► **Bonding - K1420**



**Applications :**  
Designed to give maximum performance on difficult to bond rubbers and plastics

- Features :**
- Low viscosity
  - Very fast cure
  - Excellent on EPDM and 'O' rings
  - Suitable for most materials/combinations

**Technical Data :**  
Cured product strength : 21N/mm<sup>2</sup>  
Viscosity : 20cPs  
Cure speed : 5-20secs.  
Max. gap filling : 0.05mm  
Appearance : Clear  
Temperature range : -65° to 175°F (-54° to 79°C)

Order No.	Type	Description
KW1100045	K1420	Bonding Plastic and Rubber 20gr
KW1100060	K1420	Bonding Plastic and Rubber 500gr

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► **Bonding - K1410**



**Applications :**  
Rubber toughened, fill gaps

- Features :**
- High viscosity
  - Black
  - Rubber toughened
  - Filling gaps
  - Resists vibration and impact

**Technical Data :**  
Cured product strength : 25N/mm<sup>2</sup>  
Viscosity : 3500 cPs  
Cure speed : 30-60 secs.  
Appearance : Black  
Max. gap filling : 0.2mm  
Temperature range : -65° to 223°F (-54° to 106°C)

Order No.	Type	Description
KW1100078	K1410	Black Max CA 50gr
KW1100051	K1410	Black Max CA 500gr

► **Bonding - K1495**



**Applications :**  
General purpose, cures instantly on rubber, plastic and many other material

- Features :**
- General purpose
  - High bond strength
  - Easy to dispense
  - Controlled cure time

**Technical Data :**  
Cured product strength : 21N/mm<sup>2</sup>  
Viscosity : 40cPs  
Cure speed : 15 secs.  
Max. gap filling : 0.1mm  
Appearance : Clear  
Temperature range : -65° to 180°F (-54° to 82°C)

Order No.	Type	Description
KW1100006	K1495	Cyanoacrylate Super Bonder 20gr
KW1100059	K1495	Cyanoacrylate Super Bonder 500gr

► **Bonding - K1496**



**Applications :**  
Multi purpose modified ethyl based CA, especially suitable to bonding metal : stainless steel, bronze, and aluminium

- Features :**
- Ultimate performance on metal
  - Fast cure
  - Medium viscosity
  - Non penetrating

**Technical Data :**  
Cured product strength : 21N/mm<sup>2</sup>  
Viscosity : 100cPs  
Cure speed : 30 secs.  
Max. gap filling : 0.15mm  
Appearance : Clear  
Temperature range : -65° to 180°F (-54° to 82°C)

Order No.	Type	Description
KW1100024	K1496	Metal Bonding 20gr
KW1100070	K1496	Metal Bonding 500gr

► **Bonding - K1454**



**Applications :**  
Non-drip gel and ideal for maximum gap filling

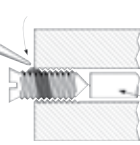
- Features :**
- Non-drip
  - Suitable for vertical surface bonding
  - Excellent on porous surfaces
  - Allow post-assembly adjustment

**Technical Data :**  
Cured product strength : 21N/mm<sup>2</sup>  
Viscosity : Thixo Gel  
Cure speed : 45 secs.  
Max. gap filling : 0.25mm  
Appearance : Clear  
Temperature range : -65° to 180°F (-54° to 82°C)

Order No.	Type	Description
KW1100047	K1454	Cyanoacrylate Gel 20gr

**THREADLOCKER**

▶ **Threadlocker -K1222**



**Application :**  
Low strength threadlocker for small fastener

- Features :**
- Screwlock
  - Low removal torque
  - Vibration proofs small fasteners

**Technical Data :**

Torque break/prevail : 8/4Nm  
 Viscosity : 1200-5000cPs  
 Max. bolt size : <M6  
 Appearance : Purple  
 Cure speed : 15mins.  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100011	K1222	Threadlock Low Strength 50ml

▶ **Threadlocker -K1242**



**Application :**  
Medium strength threadlocker for screw, nuts, and bolts

- Features :**
- Nutlock
  - Prevents corrosion
  - Vibration resistant
  - Dismantle using normal tools

**Technical Data :**

Torque break/prevail : 17/8Nm  
 Viscosity : 4000-6000cPs  
 Max. bolt size : M24  
 Appearance : Blue  
 Cure speed : 15mins.  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100001	K1242	Threadlock Removable 50ml

▶ **Threadlocker -K1243**



**Application :**  
Oil tolerant threadlocker

- Features :**
- Medium strength
  - Rapid curing
  - Removable

**Technical Data :**

Torque break/prevail : 20/10Nm  
 Viscosity : 12.000-17.000cPs  
 Max. bolt size : M36  
 Appearance : Blue  
 Cure speed : 10 - 15mins.  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100048	K1243	Threadlock Oil Tolerant 50ml

▶ **Threadlocker -K1262**



**Applications :**  
High strength threadlocker for nuts, bolts and heavy duty fasteners

- Features :**
- Studlock
  - High strength
  - Prevent rust and corrosion
  - Thixotropic, prevents run off, dripping, and migration after assembly

**Technical Data :**

Torque break/prevail : 22/20Nm  
 Viscosity : 5.500-8.500 cPs  
 Max. bolt size : M36  
 Appearance : Red  
 Cure speed : 15mins.  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100002	K1262	Threadlock High Strength 50ml

▶ **Threadlocker -K1271**



**Application :**  
Permanent studlock

- Features :**
- Permanent locking
  - Prevent vibration loosening
  - Seal against leakage and corrosion

**Technical Data :**

Torque break/prevail : 27/30Nm  
 Viscosity : 400-600cPs  
 Max. bolt size : M36  
 Appearance : Red  
 Cure speed : 15mins.  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100003	K1271	Threadlock Permanent 50ml
KW1100044	K1271	Threadlock Permanent 250ml
KW1100081	K1271	Threadlock Permanent 1ltr

▶ **Threadlocker -K1272**



**Application :**  
High temperature studlock

- Features :**
- Resistant to temperature up to 230°C
  - For large diameter
  - Coarse threaded parts
  - Uses steel mill conveyor bolt, furnace mounting bolts

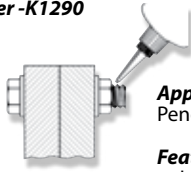
**Technical Data :**

Torque break/prevail : 24/30Nm  
 Viscosity : 15.000-30.000cPs  
 Max. bolt size : >M25  
 Appearance : Red  
 Cure speed : 15mins.  
 Temperature range : -65° to 450°F (-55° to 230°C)

Order No.	Type	Description
KW1100004	K1272	Threadlock High Temp 50ml

**THREADLOCKER**

► **Threadlocker -K1290**



**Application :**  
Penetrating adhesive

- Features :**
- Low viscosity sealant for pre-assembled fasteners
  - Porosity sealing of welds

**Technical Data :**  
 Torque break/prevail : 30/27Nm  
 Viscosity : 10-25cPs  
 Appearance : Green  
 Cure speed : 15mins.  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100009	K1290	Threadlock Penetrant 50ml
KW1100010	K1290	Threadlock Penetrant 250ml

**RETAINING**

► **Retaining - K1962**



**Application :** Core plug sealant

- Features :**
- Medium-high strength anaerobic retaining compound
  - To augment the strength of slip and press-fit assemblies and to prevent vibration loosening and leakage through the bonded parts.
  - Can be used for difficult assembly or very long engagement length applications where a slow-curing product is needed
  - The thixotropic nature of the product prevents run off, dripping, and migration after assembly

**Technical Data :**  
 Shear : 10 – 21 N/mm<sup>2</sup>  
 Viscosity : 8000 – 12000 cPs  
 Max gap filling : 0.5 mm

Order No.	Type	Description
KW1100064	K1962	Core Plug Sealant 1ltr

**RETAINING**

► **Retaining - K1603**



Krisbow adhesive retaining compounds are used in the assembly of all coaxial components such as bearings, gears, shafts, bushes, pulleys, cylinder liners and rotors. They increase the load bearing characteristics of cylindrical joints, reducing assembly stresses, and assembly costs.

**Application :** Oil tolerant

**Features :**

- Oil tolerant
- Prevents fretting and corrosion of metal assemblies

**Technical Data :**  
 Shear : 24N/mm<sup>2</sup>  
 Viscosity : 150-250cPs  
 Max. gap filling : 0.15mm

Order No.	Type	Description
KW1100040	K1603	Retaining Comp. Oil Res 50ml

► **Retaining - K1609**



**Application :** Shaft fit

**Features :**

- High strength
- Low viscosity
- Application include gear, bushes, collars, cams, fans, and flywheels

**Technical Data :**  
 Shear : 21N/mm<sup>2</sup>  
 Viscosity : 100-200cPs  
 Max. gap filling : 0.15mm

Order No.	Type	Description
KW1100005	K1609	Retaining Comp. High Strength 50ml
KW1100052	K1609	Retaining Comp. High Strength 250ml

► **Retaining - K1620**



**Application :** High temperature retainer

**Features :**

- High viscosity retainer
- Temperature resistance up to 230°C
- Used in assembly of automotive/ marine cylinder liners and heat exchanger tubes

**Technical Data :**  
 Appearance : Green  
 Max. gap filling : 0.4mm  
 Viscosity : 7000cPs  
 Shear : 21N/mm<sup>2</sup>  
 Cure Speed : 10-30mins  
 Temperature range : -65° to 450°F (-55° to 230°C)

Order No.	Type	Description
KW1100021	K1620	Retaining Comp. High Temp 50ml

► **Retaining - K1638**



**Applications :** Maximum strength threadlocker For permanent assembly of bearings, pulleys, gears, etc

- Features :**
- Maximum strength
  - Vibration resistant
  - Eliminates fretting corrosion
  - Improves stress distribution

**Technical Data :**  
 Appearance : Green  
 Max. gap filling : 0.25mm  
 Viscosity : 2000cPs  
 Shear : 20-30N/mm<sup>2</sup>  
 Cure Speed : 10-30mins  
 Temperature range : -65° to 450°F (-55° to 230°C)

Order No.	Type	Description
KW1100020	K1638	Retaining Comp. High Strength 50ml
KW1100046	K1638	Retaining Comp. High Strength 1ltr

**RETAINING**

► **Retaining - K1641**



**Applications :**  
Non-permanent retainer for bearing seals and threaded parts

- Features :**
- Allow disassembly
  - Improves stress distribution
  - Removable using hand tools

**Technical Data :**  
 Appearance : Yellow  
 Max. gap filling : 0.25mm  
 Viscosity : 2000cPs  
 Shear : 20-30N/mm<sup>2</sup>  
 Cure speed : 10-30mins  
 Temperature range : -65° to 450°F (-55° to 230°C)

Order No.	Type	Description
KW1100022	K1641	Retaining Comp. Medium Strength 50ml

**HYDRAULIC PIPE SEALANT**

► **Hydraulic Pipe Sealant - K1542**



**Application :**  
Hydraulic sealant for fine threads

- Features :**
- Hydraulic sealant
  - Instant high pressure seal
  - Used on small and medium pipes
  - High viscosity
  - Can be dismantled using normal tools

**Technical Data :**  
 Pressure resistance : 10.000 Psi  
 Viscosity : 400-600 cPs  
 Max. pipe Ø : 3/4"  
 Appearance : Brown Liquid  
 Temperature range : -65° to 300°F (-55° to 150°C)

Order No.	Type	Description
KW1100013	K1542	Pneumatic/Hydro Sealant 50ml
KW1100050	K1542	Pneumatic/Hydro Sealant 250ml

**HYDRAULIC PIPE SEALANT**

► **Hydraulic Pipe Sealant - K1565**



General purpose pipe sealant K1565 is a fast curing, lower strength sealant. Withstands temperatures to 300°F (150°C). Provides an instant seal for pressure testing. For applications requiring easy disassembly.

**Application :** Pipe sealant for coarse threads

- Features :**
- With stand temperature up to 150°C
  - Fast curing paste
  - Dismantled using normal tools

**Technical Data :**  
 Pressure resistance : 10.000 Psi  
 Viscosity : 350.000 cPs

Order No.	Type	Description
KW1100007	K1565	Pipe Sealant 50ml

► **Hydraulic Pipe Sealant - K1567**



**Application :**  
Stainless steel pipe sealant

- Features :**
- High viscosity
  - Fast curing
  - Works on in active surface such as stainless steel
  - High temperature up to 200°C
  - Coarse threaded fitting

**Technical Data :**  
 Pressure resistance : 10.000 Psi  
 Viscosity : 550.000 cPs

Order No.	Type	Description
KW1100014	K1567	Stainless Steel Sealant 50ml

► **Hydraulic Pipe Sealant - K1577**



Low viscosity pipe sealant bright yellow, low viscosity sealant. Provides an instant low pressure seal. Will not creep, shrink or relax.

**Application :** Low viscosity pipe sealant

- Features :**
- Low viscosity sealant
  - An instant low pressure seal
  - Will not creep, shrink or relax

**Technical Data :**  
 Pressure resistance : 10.000Psi  
 Viscosity : 55.000cPs

Order No.	Type	Description
KW1100015	K1577	Pipe Sealant Low Visc. 50ml

**FLANGE SEALANT**

► **Flange Sealant - K1515**



Krisbow adhesive gasket maker create formed-in-place gaskets on flanges and housings, eliminating the need for large inventories of pre-cut gasket. Once cured, the product keys into the adjacent face of the joint. Krisbow Adhesive gasket makers will not relax or shrink and have exceptional pressure and solvent resistance.

**Application :**  
Gasket maker for housings, flanges and pipe work

- Features :**
- Replaces pre-cut gaskets of any shape or size
  - Does not shrink or relax
  - Flexible application
  - Fills scratches and gouges

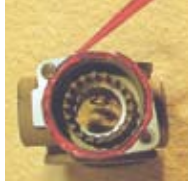
**Technical Data :**  
 Viscosity : 275.000-Thixo cPs  
 Max. gap filling : 0.5mm

Order No.	Type	Description
KW1100063	K1515	Flexible Gasket 300ml

## FLANGE SEALANT

**KRISBOW®**
**DOW CORNING**

### ► Flange Sealant - K1510



**Application :** High temp

**Features :**

- Replaces pre-cut gaskets of any shape or size
- Does not shrink or relax
- Rigid application
- Fills scratches and gouges

**Technical Data :**

Viscosity : 500.000cPs  
 Max. gap filling : 0.3mm  
 Temp range : -50 - 200°C

Order No.	Type	Description
KW1100016	K1510	Gasket Maker High Temp 50ml

## SILICONE SEALANT

### ► Pair Seal Silicone Insulating Glass Sealant



**Features :**

- One part: Easy to use
- Excellent adhesion to insulating glass components including glass and aluminium spacer
- Consistently no-slump
- Consistently non slump, permitting automated glazing
- Non corrosive by-products

**Benefits :**

- Good un primed adhesion
- The cured product exhibits excellent weathering characteristic, and a high resistance to ultraviolet radiation, heat and humidity
- Consistently non-slump, permitting automated glazing
- Excellent shelf life stability
- Easy tooling

**Commercial Applications :**

- Industrial automotive
- Home appliances
- Workshop
- Auto component

Order No.	Type	Description
DU0000032	DU-32	Pair Seal Silicone Insulating Glass Sealant 500gr

## SILICONE GASKET MAKER

### ► Ultra Grey RTV Silicone Gasket Maker



**Features :**

- For high torque applications
- Temperature range -54°C to 345°C
- Resist auto and shop fluids and vibration

**Benefits :**

- Good unprimed adhesion
- The cured product exhibits excellent weathering characteristic, and a high resistance to ultra-violet radiation, heat and humidity
- Consistently non-slump, permitting automated glazing
- Excellent shelf life stability
- Easy tooling

**Commercial Applications :**

- Industrial automotive
- Home appliances
- Workshop
- Auto component

Order No.	Type	Description
KW1100069	K15699	Ultra Grey RTV Silicone Gasket Maker 20kg

## UV ADHESIVE

### ► UV Adhesive - K1349



**Application :** UV adhesive

**Features :**

- High strength
- Glass to metal and glass to glass bonder
- Clear appearance

**Technical Data :**

Cured product strength : 16N/mm<sup>2</sup>  
 Viscosity : 5.000 - 7.000cPs  
 Cure speed : <10sec

Order No.	Type	Description
KW1100043	K1349	UV50 UV Adhesive 50gr

## ACTIVATOR/PRIMER

### ► Activator/Primer - K17649



**Technical Data :**

Presentation : Aerosol  
 Boiling point : <35°C  
 Flash point : <0°C

**Applications :** For use with threadlockers, retainers, sealant and gasketing compounds

- Features :**
- Accelerates cure speed
  - Improves performance on stainless steel, anodized metal and other inactive surface

Order No.	Type	Description
KW1100039	K17649	Activator 20ml

### ► Activator/Primer - K1711



**Application :** Activator for cyanoacrylates

**Features :**

- Accelerates cure speed of cyanoacrylates (<5 sec.)
- Safe for use on most plastics
- Can be used to "fillet" cure cyanoacrylate adhesives

**Technical Data :**

Chemical : Organic solvent  
 Flash point : < 15°C

Order No.	Type	Description
KW1100035	K1711	Activator Generator Purpose 20ml



