PRODUCT SPECIFICATION

Brand	C.K
Product Range	Draw tapes
Catalogue number	5391
Date	03/06/2014

Range Description

Electricians draw tapes – designed for drawing electrical wire through conduit, trunking etc.

Features

495005,6 & 7

- Extra strong Perlon tape for performance and reliability
- Smooth surface for a low coefficient of friction
- 190mm long spring guide avoids jamming/snagging
- Non conductive for safety
- Non corroding for a long service life

495008

- Manufactured from high strength flexible spring steel
- Hooked end to avoid snagging in use
- Housed in a sturdy rotating plastic storage case for convenience
- Brake trigger mechanism in the handle

495050, 51, 52, 53 & 54

- Nylon Draw Tape for low friction and high strength during cable pulling applications.
- Flexible head attachment for navigating conduit with multiple bends.
- Red coloured tape for improved visibility in conduit with existing cables.
- Robust plastic casing for convenience during tape rewind, storage and transportation.
- Non-conductive properties for safe working practices

Copyright Carl Kammerling International Ltd

495055

- Superior quality draw tape
- Constructed from steel core wire and durable POM (Polyoxymethylene) coating
- Steel core wire provides optimum rigidity and exceptional tensile strength for effective pushing and pulling of cable through runs of conduit
- Abrasion resistant and low friction; the POM coating has material properties that are well suited to cable pulling applications
- Fitted with a flexible head and draw eye for minimal resistance whilst navigating cable through conduit with multiple bends

495056

- High quality draw tape; constructed from three intertwining POM (Polyoxymethylene) strands.
- High strength, abrasion resistant and low friction; POM has material properties that are well suited to cable pulling applications.
- Helical tape structure for better grip, high tensile strength and minimal friction when pushing and pulling cable through conduit. (1)
- Fitted with a flexible head and draw eye for minimal resistance whilst navigating cable through conduit with multiple bends. (2)
- Robust plastic casing for convenience during transportation and storage. (3)

495057

- Flexible head and draw eye for draw tapes
- Draw Tape attachment for guiding cable through conduit
- Compatible with 4mm tapes part No. 495050, 495051, 495052, 495053 & 495054,

495058

- Draw eye for draw tapes
- Draw Tape attachment for guiding cable through conduit
- Compatible with 4mm tapes part No. 495050, 495051, 495052, 495053 & 495054,

Copyright Carl Kammerling International Ltd

495059

- Draw tape lubricant 950ml
- Reduced friction whilst pulling cable through conduit.
- Creates a thin, non-conductive film that won't clog conduit.
- Odourless.

Item Number	Item Description	EAN No	Commodity code	Carton Qty
495005	Draw in tape 10m	5051074950055	3926909290	3
495006	Draw in tape 20m	5051074950062	3926909290	3
495007	Draw in tape 30m	5051074950079	3926909290	2
495008	Electricians draw tape – 50ft/15.2m	5051074950086	3926909290	1
495050	Nylon Draw Tape 10m	5013969950502	3926909290	5
495051	Nylon Draw Tape 15m	5013969950519	3926909290	5
495052	Nylon Draw Tape 20m	5013969950526	3926909290	5
495053	Nylon Draw Tape 25m	5013969950533	3926909290	5
495054	Nylon Draw Tape 30m	5013969950540	3926909290	5
495055	Steel Core Wire Draw Tape 50m	5013969950557	3926909290	3
495056	Draw Tape – POM (Polyoxymethylene)	5013969950564	3926909290	3
495057	Flexible head and draw eye for draw tapes	5013969950571	3926909290	3
495058	Draw Eye for draw tapes	5013969950588	3926909290	3
495059	Draw Tape Lubricant	5013969950595	34039990	3

Technical product information	
Standards compliance	None applicable
User health and safety information	None applicable
RoHS/WEEE compliance	This product does not fall within the scope of RoHS or WEEE regulations
Material safety data	Lubricant - See appendix 1
Warranty	C.K draw tapes are guaranteed for life against imperfect materials or workmanship
Country of origin	495005,6 & 7 – Germany All others – Taiwan

Copyright Carl Kammerling International Ltd

Dimensional details

	Product only				Product on primary packaging			
Item	Width mm	Depth mm	Height mm	Net weight g	Width mm	Depth mm	Height mm	Gross weight g
495005	200	20	200	147	200	20	310	156
495006	210	40	210	277	210	40	310	286
495007	210	45	210	401	210	45	310	410
495008	215	28	270	950	215	28	270	959
495050	310	50	370	859	310	50	370	870
495051	310	50	370	919	310	50	370	930
495052	310	50	370	991	310	50	370	1002
495053	310	50	370	1064	310	50	370	1075
495054	310	50	370	1149	310	50	370	1160
495055	520	50	520	2082	520	50	520	2100
495056	600	75	600	1522	600	75	600	1540
495057	6	6	190	137	180	160	6	250
495058	6	6	20	237	90	50	6	150
495059	80	80	260	879	80	80	260	940

	Shelf box (secondary packaging)				Euro Pallet data Wi x Hi	
Item	Width mm	Depth mm	Height mm	Gross weight g	No of cartons on base	Number of rows high
495005	215	360	55	592		
495006	205	340	115	1059		
495007	225	295	60	937		
495008	-	-	-	-		
495050	-	-	-	-		
495051	-	-	-	-		
495052	-	-	-	-		
495053	-	-	-	-		
495054	-	-	-	-		
495055	-	-	-	-		
495056	-	-	-	-		
495057	-	-	-	-		
495058	-	-	-	-		
495059	-	-	-	-		

Copyright Carl Kammerling International Ltd

Packaging waste details

	Primary Packaging				Secondary packaging			
Item	**Plastic g**	**Use**	**Card g**	**Use**	**Plastic g**	**Use**	**Card g**	**Use**
495005			9	Label			124	Box
495006			9	Label			201	Box
495007			9	Label			117	Box
495008	8	Shrink wrap	1	Label				
495050	11	Bag						
495051	11	Bag						
495052	11	Bag						
495053	11	Bag						
495054	11	Bag						
495055	4	Wrap	14	Header Card				
495056	4	Wrap	14	Header Card				
495057	4	Bag	9	Header Card				
495058	4	Bag	9	Header Card				
495059	1	Label	60	Bottle				

Copyright Carl Kammerling International Ltd

Appendix 1

Carl Kammerling International Ltd

MATERIAL SAFETY DATA SHEET

Date –Issued:05/06/2009 **MSDS Ref.No:**PSMSD-331-6

Date –Revised:2/26/2014 **Page:** 1 of 5

---

1. PRODUCT AND COMPANY IDETIFICATION

Product Name: Cable Pulling Lubricant PC-WAX

Chemical Description: Water –Wax Emulsion

General Use: Lubricant for electrical and communication cable & wire pulling works.

Product Formulation Name: Water, Petroleum wax, stabilizer.

MANUFACTURER

LONG LUB-TEK CORPORATION

330-12 Sec.1 Zhong Zheng Rd. Sanxia Dist., New Taipei City TAIWAN.

Phone No.: 886-2-26742566

Fax No.: 886-2-26742730

---

2. TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance: Creamy, yellow viscous gel with no odor.

Specific Gravity (H_2O = 1): 0.985

Percent Volatiles (Weight): < 90%

Viscosity: 50,000-100,000 cps @ 10 rpm.

Boiling Point: >212℉ (100℃)

Ignition Temperature: None

Vapor Pressure: 18mm

Vapor Density (Air = 1): .9 to 1.1

Solubility in Water: moderate

Percent Water (Weight): <90%

pH: 7.5 to 8.5

Copyright Carl Kammerling International Ltd

7. SPILL OR LEAK PROCEDURE

Cable Pulling Lubricant PC-WAX is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops. Oxidizing agents, such as household bleach, can be used to eliminate the slippery character. Outside, spills should be covered with sand, dirt, gravel or calcium chloride.

8. HANDLIND AND STORAGE

Keep product containers closed when not in use. Avoid spills and clean them up immediately when they occur. Product is very slippery.
Store at temperatures between 40-120°F. Avoid freezing.

9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Normal ventilation adequate.
Protective Gloves: For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.
Eye Protection: Safety glasses recommended.
Keep away from children, infants, and pets.

10.HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Eye Contact: Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.
Skin Contact: This product has low skin irritation potential. There is no dermal toxicity hazard.
Inhalation (Breathing): No inhalation hazard expected with water vapor.
Ingestion (Swallowing): Based on ingredients, LD50 (rat) is estimated to be well over 50 g/kg.
Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.

11.REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: carbon monoxide and carbon dioxide .
Incompatibility: Avoid materials which react with water

Copyright Carl Kammerling International Ltd

3. FIRE AND EXPLOSION HAZARD DATA

Flash Point: No flash via TCC.

Flammable Limits: Product is not flammable.

Extinguishing Media: Does not apply.

Special Procedures: Does not apply.

Unusual Hazards: Sealed container can build up pressure when exposed to high heat. Cool containers with water.

Hazardous Decomposition Products: High temperature steam, potentially carbon monoxide and carbon dioxide.

4. HAZARDOUS INGREDIENTS

This product contains no reportable hazardous components under 29 CFR 1910.1200. There are no OSHA or ACGIH threshold limit values for the product or any of its ingredients.

All components are listed on the TSCA inventory.

5. HAZARDS IDENTIFICATION

	HMIS	NFPA
Health	0	0
Flammability	0	0
Reactivity	0	0

KEY

0-minimal 3-serious
1-slight 4-severe
2-moderate

6. EMERGENCY AND FIRST AID PROCEDURE

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.

Inhalation (Breathing): No first aid expected to be required. Not an inhalation hazard.

Ingestion (Swallowing): No first aid expected to be required. If difficulties arise, contact a physician.

Copyright Carl Kammerling International Ltd

12.ECOLOGICAL INFORMATION

mobility: Stable

degradability: completely biodegradable.

bioaccumulation: none .

ecotoxocity: none.

13. DISPOSAL METHODS

Not a hazardous waste under RCRA (40CFR 261). Dispose of in the manner prescribed in Federal, State and Local regulations.

14.TRANSPORTATION INFORMATION

DOT Hazard Class: Not Regulated

Technical Shipping Name: NMFC Item 46030, Class 55

DOT Non-Bulk Shipping Name: Resin Compound - Not Regulated

DOT Bulk Shipping Name: Resin Compound - Not Regulated

For domestic purposes, this product is not defined or designated as a hazardous material by the U.S. Department of Transportation.

15.REGULATORY INFORMATION

DOT Hazard Class: Not Applicable

DOT Shipping Name: Not Applicable

SARA Title III Section 313 Supplier Notification:

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

Hazard Categories for SARA Section 311/312 Reporting	Acute	Chronic	Fire	Pressure	Reactive
	No	No	No	No	No

Copyright Carl Kammerling International Ltd

16.ADDITIONAL INFORMATION

If material is used in extreme heat (>120°F), prolonged and repeated exposure could pose a risk of pulmonary disease. Exposure below mist TLV(5ma/m) appears to be without risk.

This product contains the following materials that are subject to the reporting requirements of Section 313of EPCRA:

CAS #4719-04-4, 2,2',2'-(hexahydro-1,3,5-triazine-1,3,5triyl)triethanol 0.2%

17.REACH REGULATION

Cable Pulling Lubricant PC-WAX do not contain any substance as below:
Anthracene , Dibutyl phthalate, Benzyl butyl phthalate,
Bis (2-ethyl(hexyl)phthalate),
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)
Hexabromocyclododecane (HBCDD) and all major
diastereoisomers identified (α – HBCDD, β-HBCDD, γ-HBCDD)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
Cobalt dichloride, Diarsenic pentaoxide, Diarsenic trioxide
Triethyl arsenate, Lead hydrogen arsenate, Sodium dichromate

Copyright Carl Kammerling International Ltd