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01

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTIONS SDN BHD

Technical Report: **(1213)238-0008** September 02, 2013
 Date Received: August 26, 2013 Page 1 of 4

MR. YC CHIA
 ELT SOLUTIONS SDN BHD
 LOT 770, JALAN JERAM TERI, 84000 BANGI, MUAR, JOHOR, MALAYSIA

Sample Description: DRAWER SLIDER PO No.:
 Manufacturer: ELT SOLUTIONS SDN BHD S/N: 8223113KXK BK
 Buyer: CHINA State: MALAYSIA
 Country of Origin: CHINA Country of Destination: MALAYSIA
 Color: BLACK SPC No.:
 Test Requested: RESISTANCE TO CORROSION LPC Code: /
 JSTW 81171

Previous Report No.: JSTW 81171

EXECUTIVE SUMMARY:
 The sample **DOES NOT MEET** the following requirements:
 - Resistance to corrosion JSTW 81171 - 48 Hours in 1% salt fog spray

BUREAU VERITAS CPS SDN BHD
 (formerly known as Bureau Veritas Inspection (Malaysia) Sdn Bhd)

Technical Inquiries: Aislinn O'Connell. Tel: 603-5547268 ext 108
 email: o'connella@bvt.com.my

PREPARED BY: MOHD ISLAMDIN **APPROVED BY:** KIOO CHEN VIOON
 TESTING ENGINEER HAZELINE ASSISTANT MANAGER

Bureau Veritas CPS Sdn Bhd
 100, Jalan Sultan Ismail, 50450 Kuala Lumpur, Malaysia
 Tel: +603 2077 1000 Fax: +603 2077 1001
 Email: info@bvt.com.my

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTION SDN BHD

Technical Report: **(1215)084-0010** Initial Report Date: March 26, 2015
 Date Received: March 20, 2015 Page 1 of 4

MR. YC CHIA
 ELT SOLUTIONS SDN BHD
 LOT 770, JALAN JERAM TERI, 84000 BANGI, MUAR, JOHOR, MALAYSIA

Sample Description: DRAWER SLIDER SUBMITTED PO No.:
 Manufacturer: ELT SOLUTION SDN BHD S/N: 8223113KXK BK
 Buyer: CHINA State: MALAYSIA
 Country of Origin: CHINA Country of Destination: MALAYSIA
 Color: BLACK SPC No.:
 Test Requested: DRAWER SLIDER TEST LPC Code: /
 ANSI/BHMA A156.8 2010 SECTION 4.11 (GRADE 1)

Previous Report No.: / Lot No.: /

EXECUTIVE SUMMARY:
 The sample **MEETS** the following requirements:
 - ANSI/BHMA A156.8 2010 Section 4.11 (Grade 1) - Drawer Slides Test

BUREAU VERITAS CPS SDN BHD

Technical Inquiries: Aislinn O'Connell. Tel: 603-5547268 ext 108
 email: o'connella@bvt.com.my

PREPARED BY: MOHD ISLAMDIN **APPROVED BY:** KIOO CHEN VIOON
 TESTING ENGINEER HAZELINE ASSISTANT MANAGER

Bureau Veritas CPS Sdn Bhd
 100, Jalan Sultan Ismail, 50450 Kuala Lumpur, Malaysia
 Tel: +603 2077 1000 Fax: +603 2077 1001
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CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTION SDN BHD

Technical Report: **(1215)084-0010** Initial Report Date: March 26, 2015
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TEST RESULT:

Evaluation	Criteria	Method	Criteria	Result	Rating
Drawer slides test	ANSI/BHMA A156.8 2010 section 4.11.1	1. All drawer slides must be completely drawn out without any force that gets applied. 2. Product to be tested must be tested using the Cycle 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.	M	Pass	
Drawer slide operation	ANSI/BHMA A156.8 2010 section 4.11.4	1. Slides required to open a drawer through the normal stop position shall require no more than 10 lbs of opening force.	M	Maximum Force: 9.76 lbs (4.43 kg) (See Test Procedure Annex 4B)	
Drawer slide cycle test	ANSI/BHMA A156.8 2010 section 4.11.4.2	1. Cycle with the drawer at a normal stop position per request for the number of cycles required. 2. Cycle with the drawer at a normal stop position per request for the number of cycles required.	M	Pass	
Drawer slide cycle test	ANSI/BHMA A156.8 2010 section 4.11.4.1	1. Shall withstand application of force, load or vibration as stated in the specified section without collapse of the drawer.	M	Pass	

Result Key:
 P: Passed
 M: Margin
 N/A: Not Applicable
 N: Not Tested

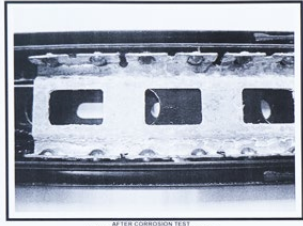
Rating Key:
 Pass
 Fail

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTIONS SDN BHD

Technical Report: **(1213)238-0008** September 02, 2013
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BY THE CORROSION TEST
 CORROSION WAS NOTED ON THE SLIDES


BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTIONS SDN BHD

Technical Report: **(1213)238-0008** September 02, 2013
 Date Received: August 26, 2013 Page 2 of 3

EXHIBIT # 1



(1213)238-0008

ORIGINAL

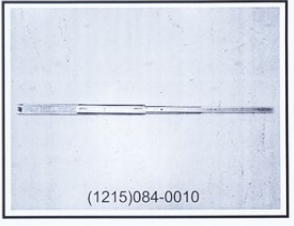
EXHIBIT # 2

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTION SDN BHD

Technical Report: **(1215)084-0010** Initial Report Date: March 26, 2015
 Date Received: March 20, 2015 Page 4 of 4



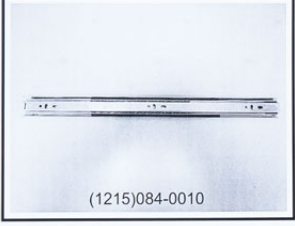
(1215)084-0010

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTION SDN BHD

Technical Report: **(1215)084-0010** Initial Report Date: March 26, 2015
 Date Received: March 20, 2015 Page 1 of 4



(1215)084-0010

SGS

Test Report No. SDHL20100284FT Date: Nov 05, 2020 Page 1 of 3

ELT SOLUTION SDN BHD
 LOT 770, JALAN JERAM TERI, 84000 BANGI, MUAR, JOHOR, WEST MALAYSIA

Sample Description: DRAWER SLIDE
 Supplier Item No.: DRAWER SLIDE
 Buyer Item No.: 3050-12 INCH
 Country of Origin: CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable for either the test item or its relevant information, in terms of the accuracy, suitability, reliability or end integrity accordingly.

Sample Receiving Date: Oct 28, 2020
 Test Performing Date: Oct 30, 2020 to Nov 05, 2020
 Test Performed: Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Slide durability test with reference to clause 15.2 of ANSI/BHMA A156.8-2015	PASS	/

(For further details, please refer to the following page(s).)

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Bill Wang
 Bill Wang
 authorized Signatory

SGS

Member of the SGS Group (SSE:069)

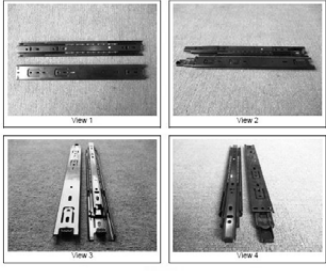
SGS

Test Report No. SDHL20100284FT Date: Nov 05, 2020 Page 3 of 3

SAMPLE INFORMATION AND PICTURES

Weight: 264.87 grams
 Overall Dimensions: 300 mm L x 25.82 mm W x 12.54 mm H
 Other Dimensions: /

Sample as Received (Durability test)



View 1 View 2
 View 3 View 4

End of Report

SGS

Member of the SGS Group (SSE:069)

Certificate

SGS

Test Report No: SDHGR11090625CM Date: Sep 08, 2011 Page 3 of 4

ATTACHMENTS

RHDS Testing Flow Chart

1) Name of the person who made testing: Della Wang / Ross Zhuo
2) Name of the person in charge of testing: Adams Yu

To be continued.

SGS

Test Report No: SDHGR11090625CM Date: Sep 08, 2011 Page 2 of 4

Test Results

RHDS Directive 2011 65 EU

Test Item	Unit	Test Method (Reference)	No. 1	MDL	Unit
Cadmium (Cd)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1.000
Lead (Pb)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1.000
Mercury (Hg)	mg/kg	IEC 62321:2008, ICP-OES	N.D.	2	1.000
Hexavalent Chromium (CrVI) by spot test		IEC 62321:2008	Negative		#
Hexavalent Chromium (CrVI) by boiling water extraction		IEC 62321:2008, UV-Vis	Negative		#

Note:
1. mg/kg = ppm
2. N.D. = Not Detected = MDL
3. MDL = Method Detection Limit
4. # = Spot test

Negative = Absence of CrVI coating. Positive = Presence of CrVI coating.
(The tested sample should be further verified by boiling water extraction method if the spot test result is Negative or cannot be confirmed)

Boiling water extraction:
Negative = Absence of CrVI coating. Positive = Presence of CrVI coating. The detected concentration in boiling water extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.
Storage conditions and production date of the tested sample are unavailable and thus results of CrVI represent status of the sample at the time of testing.
5. # = Positive indicates the presence of CrVI on the tested area.
Negative indicates the absence of CrVI on the tested area.
6. # = Not regulated.

Test Part Description:
No. 1: Black surfaced metal

Remark: This test was subcontracted to SGS other qualified subcontractor.

To be continued.

SGS

Test Report No: SDHGR11090625CM Date: Sep 08, 2011 Page 1 of 4

ELT SOLUTIONS SDN. BHD
LOT 770, JALAN JERAM TERI, 84000 MUAR, JOHOR

The following sample(s) was/were submitted and identified on behalf of the client as:
Sample Description: P10 45MM FULL EXTENSION SLIDE
Sample Ref No.: GZ1109114724CHEM
Sample Receiving Date: Sep 01, 2011
Test Performing Date: Sep 01, 2011 to Sep 08, 2011

Test Requested	Result
To determine Contents of Cadmium(Cd), Lead(Pb), Mercury(Hg), Hexavalent Chromium(CrVI) in the selected parts on the submitted sample(s) with reference RoHS Directive 2011 65/EU Annex II, regarding 2005/61/EC.	PASS

Signed for and on behalf of
SGS CSTE Co., Ltd.

Jack Yao
Approved signatory

SGS

Test Report No: SDHGR11090625CM Date: Sep 08, 2011 Page 4 of 4

Photo Appendix

*** End of Report ***

Jubertek

Test Report Number: 1

Applicant: **ELT SOLUTIONS SDN. BHD.**
LOT 770, JALAN JERAM TERI, 84000 MUAR, JOHOR MALAYSIA

Date: Nov 14, 2013

This is to supersede Report No. 2013

Sample Description:
CrVI: 1) lot of submitted sample said to be: **Coated Metal Slide**
Item Name: **EP234-P10x24**
Country of Origin: **China**

Tests conducted:
As indicated by the applicant, refer to attached papers for details.

Conclusion	Tested Samples	Test Item	Extensive Element Cycle Test	Result
	Submitted		As per the client's requirements	Pass
			Extensive Element Retention Impact and Durability Tests	Pass
			As per the client's requirements	

Authorized by:
Su Interim Testing Services
Suzhen Li

Ben N. L. N.
General Manager

Page 2 of 2

MEI CHARLTON

70 ELT Solutions Sdn. Bhd.
Lot 770, Jalan Jeram Teri,
84000 Muar, Johor.

CLIENT NO: REFERENCE NO: DATE: 22 Sep 2011

SUBJECT: PERFORMANCE TESTING OF SLIDE.
PART NUMBER: EP234-18, PER ANSIRAMA A/B OR GRADE 1
SARULAN RES COV 18 & 17 FEB 2011.

PERFORMANCE CERTIFICATE

Standard	Result
ANSIRAMA A/BSC Section 4.1, GRADE 1	Pass
Manufacturer: ELT SOLUTIONS Sdn. Bhd.	
Ship Part Number: Manual EP234-18	
Lot No:	50 No.
Edge Lot No:	75 No.
Result of Test:	PASS

The slides were mounted in a steel test fixture with a rigid wooden 24 inch wide by 24 inch deep test drawer. The drawer slides were mounted 1.4 inch back from the face of the test drawer, with the foot end mounted at the center of the drawer.

Results:
1. The slides passed the Grade 1 requirements of ANSIRAMA A/BSC Section 4.1.
2. The slides met the requirements of Section 4.1.1.
3. The drawer slides completed drawer opening.

This is the largest size available, with an 18.75 inch wide and the mark "P50" stamped on it.

ELT SOLUTIONS SDN BHD

Technical Report: (1221)109-0013
Date Issued: April 26, 2013
Date Testing: April 27, 2013

ELT SOLUTIONS SDN BHD
LOT 770, JALAN JERAM TERI,
84000 MUAR, JOHOR, MALAYSIA

Sample Description	SCHE EP3341-RT120N	PO No:	
Manufacturer			
Model			
Country of Origin	CHINA	Quantity	1000000
Test Requested	DRAWER DURABILITY TEST	IPC Code	UNDERCUT SLIDE - 2
Sample Assembly	UNDERCUT SLIDE - 2 PCS	Sample Weight	
Previous Report No:		Lot No:	

EXECUTIVE SUMMARY:
The samples MEETS the following requirements:
- Drawer Durability Test.

TECHNICAL QUESTIONS:
Muhammad Anwarul Karim
(807) 558 7048
muhammad@bureaueveritas.com

GENERAL INFORMATION:
Nico Niles
(807) 510 2548
nico.niles@bureaueveritas.com

SIGNATURES:
BUREAU VERITAS CPS SDN BHD
Siti Dollima
AUTHORIZED REPORT APPROVER -
HARDLINE

ELT SOLUTIONS SDN BHD
Technical Report: (1221)109-0013
Initial Report Date: April 26, 2013
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END OF REPORT

CONSUMER PRODUCTS SERVICES DIVISION

ELT SOLUTIONS SDN. BHD.

Technical Report: (1218)194-0014
Date Received: July 13, 2010
Initial Report Date: July 17, 2010
Page 1 of 3

ME, VC CHEM
ELT SOLUTIONS SDN. BHD.
LOT 770, JALAN JERAM TERI,
84000 MUAR, JOHOR,
MALAYSIA

Sample Description	SOFT CLOSING HINGE	PO No:	
Manufacturer			
Model			
Country of Origin		Quantity	1000000
Color		Item Code	

Test Requested: TOTAL LEAD CONTENT IN SURFACE COATING, CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2009 16 CFR 1303 / AECAC 194.02 (MPCF/SCU COPOLYMER/AMPHI-D/CPSC-CH-1003.99)

Previous Report No: / **IPC Code:** /

Previous Report No: / **Lot No:** /

EXECUTIVE SUMMARY:
The submitted sample Soft Closing Hinge has no surface coating after review by Chemical Section. Therefore, the following requirements is not applicable:
- Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA), Section 101 (a)(2).

REMARKS:
The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council.

TECHNICAL QUESTIONS:
Muhammad Anwarul Karim
(807) 558 7048
muhammad@bureaueveritas.com

GENERAL INFORMATION:
Evan Chung
(807) 558 7048
evan.chung@bureaueveritas.com

PREPARED BY: Ashraf

APPROVED BY: Jeffrey Lee Boon Chik



MH3055-OL00NK OVEL 5/8" Soft Closing Hinge (4 Hole)
Cup Depth : 9mm
Features : Anti Drop Pin



MH3055-OL05NK OVEL 4/8" Soft Closing Hinge (4 Hole)
Cup Depth : 9mm
Features : Anti Drop Pin



MH3055-OL09NK OVEL 2/8" Soft Closing Hinge (4 Hole)
Cup Depth : 9mm
Features : Anti Drop Pin



MH3055-OL17NK OVEL 7/8" Soft Closing Hinge (4 Hole)
Cup Depth : 9mm
Features : Anti Drop Pin



MH3055-OL00ABG OVEL 5/8" Soft Closing Hinge (4 Hole)
Cup Depth : 9mm
Features : Anti Drop Pin
Colour : Antique Brass



MH3055-OL17ABG OVEL 7/8" Soft Closing Hinge (4 Hole)
Cup Depth : 9mm
Features : Anti Drop Pin
Colour : Antique Brass



MH3040-OL00NK OVEL 5/8" Wooden Hinge, 165 Degree, Nickel
MH3040-OL09NK OVEL 2/8" Wooden Hinge, 165 Degree, Nickel
MH3040-OL17NK OVEL 7/8" Wooden Hinge, 165 Degree, Nickel



MH3044-OL00NK OVEL 5/8" 40mm Clip On Soft Closing Hinge
MH3044-OL09NK OVEL 2/8" 40mm Clip On Soft Closing Hinge
MH3044-OL17NK OVEL 7/8" 40mm Clip On Soft Closing Hinge
 Features : Press Type



MH3047-NK OVEL - 90 Soft Closing Hinge (4 Hole)



MH3403-OL00NK OVEL 5/8" Aluminium Soft Closing Hinge
MH3403-OL00BK OVEL 5/8" Aluminium Soft Closing Hinge



MH3050-OT00NK OVEL 5/8" Soft Closing Hinge (4 Hole)
MH3050-OT09NK OVEL 2/8" Soft Closing Hinge (4 Hole)
MH3050-OT17NK OVEL 7/8" Soft Closing Hinge (4 Hole)
 Cup Depth : 9mm
 Features : 20,000 open - close cycle



MH3200-NK 90° Opening Angle Wooden Hinge



MH3063-OL00GM OVEL 5/8" Soft Closing Wooden Hinge
Features : 155 Degree
Gun Metal

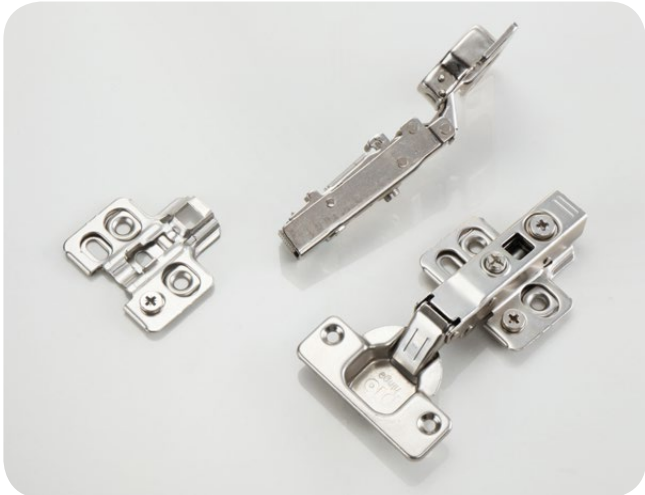


MH3058-PI00NK
PIO 5/8" Soft Closing Hinge (4 Hole)
Features : Small Angle Soft Close



Stainless Steel 304
MH3046-PI00NK
PIO 5/8" Stainless Steel 304 Soft Closing Hinge (4 Hole)
Features : Cooper Pump

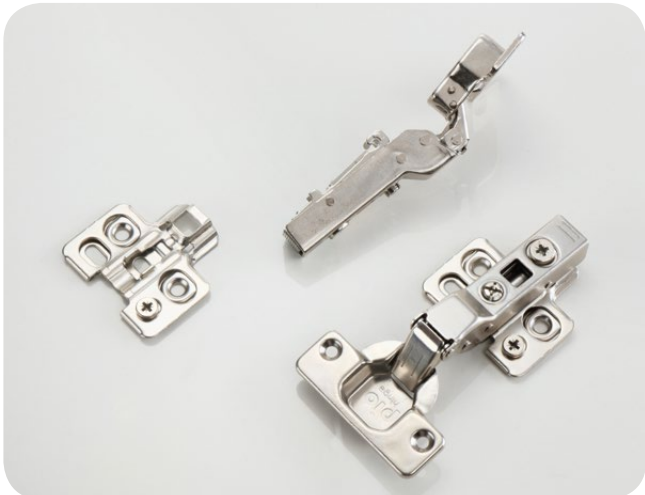
2 Force Feature



MH3026-PI00NK PIO 5/8" Soft Closing Hinge (4 Hole)



MH3052-PI00NK PIO 5/8" Soft Closing Hinge 2 Force
MH3052-PI09NK PIO 2/8" Soft Closing Hinge 2 Force
MH3052-PI17NK PIO 7/8" Soft Closing Hinge 2 Force
 Thickness : 1.2 mm
 Features : 2 Force (2-Way Adjustable)
 Suitable for door thickness : 16 mm



MH3026-PI09NK PIO 2/8" Soft Closing Hinge (4 Hole)



MH3056-PI00NK PIO 5/8" Soft Closing Hinge (4 Hole)
 Thickness : 1.2 mm
 Features : 2 Force (2-Way Adjustable)
 Detachable Base
 Suitable for door thickness : 16 mm



MH3026-PI17NK PIO 7/8" Soft Closing Hinge (4 Hole)



H = 0 = 18 mm
 H = 2 = 16 mm

MH3062-PI00NK PIO 5/8" Soft Closing Hinge (4 Hole)
 Features : 125 Degree
 2 Force (3-Way Adjustable)
 Detachable Base



- EF 2303-OL08BK** 35 mm 200 mm Pullout Length 200 mm
- EF 2303-OL12BK** 35 mm 300 mm Pullout Length 300 mm
- EF 2303-OL14BK** 35 mm 350 mm Pullout Length 350 mm
- EF 2303-OL16BK** 35 mm 400 mm Pullout Length 400 mm
- EF 2303-OL18BK** 35 mm 450 mm Pullout Length 450 mm
- EF 2303-OL20BK** 35 mm 500 mm Pullout Length 500 mm

- EF 2307-OL12BK** 35 mm 300 mm Pullout Length 325 mm
- EF 2307-OL14BK** 35 mm 350 mm Pullout Length 375 mm

Width : 35 mm
 Thickness : 0.9 mm x 0.9 mm x 0.9 mm
 Loading Capacity : 25kg
 Finish : Black



- EF 2323-OL1010BK** 35 mm 250 mm Pullout Length 250 mm
- EF 2323-OL1212BK** 35 mm 300 mm Pullout Length 300 mm
- EF 2323-OL1210BK** 35 mm 300 mm Pullout Length 250 mm
- EF 2323-OL1414BK** 35 mm 350 mm Pullout Length 350 mm
- EF 2323-OL1616BK** 35 mm 400 mm Pullout Length 400 mm
- EF 2323-OL1614BK** 35 mm 400 mm Pullout Length 350 mm
- EF 2323-OL1818BK** 35 mm 450 mm Pullout Length 450 mm

- EF 2323-OL1010ZN** 35 mm 250 mm Pullout Length 250 mm
- EF 2323-OL1212ZN** 35 mm 300 mm Pullout Length 300 mm
- EF 2323-OL1210ZN** 35 mm 300 mm Pullout Length 250 mm
- EF 2323-OL1414ZN** 35 mm 350 mm Pullout Length 350 mm
- EF 2323-OL1616ZN** 35 mm 400 mm Pullout Length 400 mm
- EF 2323-OL1614ZN** 35 mm 400 mm Pullout Length 350 mm
- EF 2323-OL1818ZN** 35 mm 450 mm Pullout Length 450 mm

Width : 35 mm
 Thickness : 1.0 mm x 1.0 mm x 1.0 mm
 Loading Capacity : 30kg (18")
 Finish : Black / Zinc



- EF 2332-OL0808BK** 45 mm 200 mm Pullout Length 200 mm
- EF 2332-OL1010BK** 45 mm 250 mm Pullout Length 250 mm
- EF 2332-OL1212BK** 45 mm 300 mm Pullout Length 300 mm
- EF 2332-OL1414BK** 45 mm 350 mm Pullout Length 350 mm
- EF 2332-OL1616BK** 45 mm 400 mm Pullout Length 400 mm
- EF 2332-OL1818BK** 45 mm 450 mm Pullout Length 450 mm
- EF 2332-OL2020BK** 45 mm 500 mm Pullout Length 500 mm
- EF 2332-OL2222BK** 45 mm 550 mm Pullout Length 550 mm

Width : 45 mm
 Thickness : 1.0 mm x 1.0 mm x 1.2 mm
 Loading Capacity : 40kg (18")



ES 2201-OL13BK

OVEL 13" Single Extension Drawer Slide (Two Way) L350 mm x L27 mm

ES 2201-OL16BK

OVEL 16" Single Extension Drawer Slide (Two Way) L400 mm x L27 mm

ES 2201-OL18BK

OVEL 18" Single Extension Drawer Slide (Two Way) L450 mm x L27 mm

ES 2201-OL20BK

OVEL 20" Single Extension Drawer Slide (Two Way) L500 mm x L27 mm

ES 2201-OL24BK

OVEL 24" Single Extension Drawer Slide (Two Way) L600 mm x L27 mm
(Thickness : 1.2 mm for 24" slide)



ES 2202-OL12BK

OVEL 12" Single Extension (One Way)

ES 2202-OL14BK

OVEL 14" Single Extension (One Way)

Width : 27 mm

Thickness : 1.0 mm x 1.0 mm

Loading Capacity : 20kg (18")



ES 2204-MA30BK

OVEL 30" Single Extension (Two Way)

Width : 35 mm

Thickness : 1.1 mm x 1.1 mm

Loading Capacity : 25kg

Finsh : Black



EF 2312-OL1213BK-O	300 mm	Pullout Length 325 mm
EF 2312-OL12BK-I	300 mm	
EF 2312-OL1415-O	350 mm	Pullout Length 375 mm
EF 2312-OL14BK-I	350 mm	
EF 2312-OL16BK	450 mm	Pullout Length 425 mm
EF2312-OL16ZN	450 mm	Pullout Length 425 mm
EF2312-OL20BK	500 mm	Pullout Length 525 mm
EF2312-OL20ZN	500 mm	Pullout Length 525 mm

Width : 45 mm

Thickness : 1.0 mm x 1.0 mm x 1.2 mm

Finish : Black / Zinc



EF2329-OL1010BK-O	35 mm	250 mm	Pullout Length 250 mm
EF2329-OL10BK-I	35 mm	250 mm	
EF2329-OL1210BK-O	35 mm	300 mm	Pullout Length 250 mm
EF2329-OL12BK-I	35 mm	300 mm	
EF2329-OL1212BK-O	35 mm	300 mm	Pullout Length 300 mm
EF2329-OL12BK-I	35 mm	300 mm	
EF2329-OL1414BK-O	35 mm	350 mm	Pullout Length 355 mm
EF2329-OL14BK-I	35 mm	350 mm	

Width : 35 mm

Thickness : 1.0 mm x 1.0 mm x 1.0 mm

Finish : Black



**Table Extension Slide
ET 2401**

Width : 35 mm	Total Length	Opening	Bracket
Thickness : 1.5 mm x 1.5 mm	600 mm	350 mm	200 mm
Loading Capacity : 50kg	700 mm	360 mm	233 mm
Finish : Zinc / Black	700 mm	480 mm	260 mm
	700 mm	480 mm	300 mm
	700 mm	492 mm	232 mm
	800 mm	360 mm	335 mm
	800 mm	490 mm	300 mm
	800 mm	525 mm	300 mm
	900 mm	580 mm	280 mm

Width : 47 mm	Total Length	Opening	Bracket
Thickness : 2.0 mm x 2.0 mm	800 mm	360 mm	335 mm
Loading Capacity : 100kg	800 mm	525 mm	300 mm
Finish : Zinc / Black	820 mm	540 mm	330 mm
	1170 mm	300 mm	285 mm
	1300 mm	900 mm	425 mm



ET 2468-350ZN

35 mm Lifting Unilateral Table Slide, Bracket 450 mm



ET 2465-1170ZN

47 mm Automatic Lifting Slide, L1170 mm, Bracket 285 mm



ET 2460-1200ZN

47 mm Single Table Extension Slide, L1200 mm, Opening 1100 mm, Double Leaf

Push Rebound



EF2342-PI12ZN

PIO 12" Under Mount Full Extension Push Rebound Slide (Zinc)

EF2342-PI14ZN

PIO 14" Under Mount Full Extension Push Rebound Slide (Zinc)



EF2346-PI12ZN

PIO 12" Under Mount Single Extension Push Rebound Slide (Zinc)

EF2346-PI14ZN

PIO 14" Under Mount Single Extension Push Rebound Slide (Zinc)

EF2346-PI16ZN

PIO 16" Under Mount Single Extension Push Rebound Slide (Zinc)

* With Bracket

Soft Closing

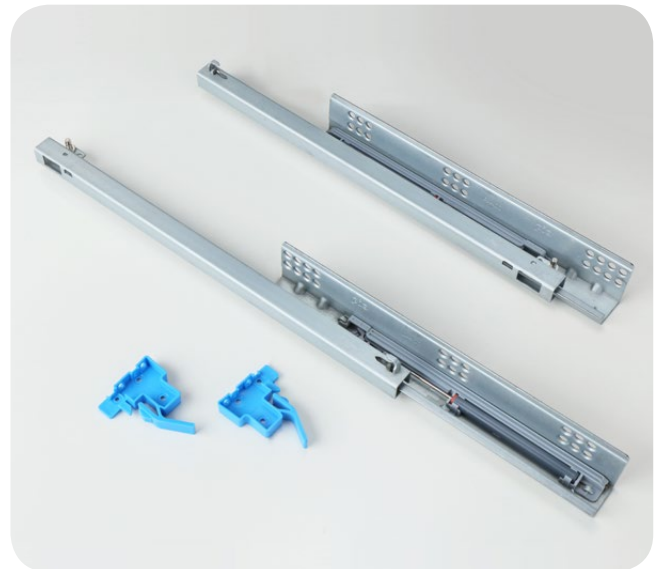


EF2350-PI12ZN

PIO 12" Under Mount Single Extension Soft Closing Slide

EF2350-PI14ZN

PIO 14" Under Mount Single Extension Soft Closing Slide



EF2343-PI12ZN

PIO 12" Under Mount Soft Closing Slide (Zinc)

EF2343-PI14ZN

PIO 14" Under Mount Soft Closing Slide (Zinc)

EF2343-PI16ZN

PIO 16" Under Mount Soft Closing Slide (Zinc)

EF2343-PI18ZN

PIO 18" Under Mount Soft Closing Slide (Zinc)

EF2343-PI20ZN

PIO 20" Under Mount Soft Closing Slide (Zinc)

* With Handle

Soft Closing



- EF2361-PI10ZN** PIO 10"
- EF2361-PI12ZN** PIO 12"
- EF2361-PI14ZN** PIO 14"
- EF2361-PI16ZN** PIO 16"
- EF2361-PI18ZN** PIO 18"
- EF2361-PI20ZN** PIO 20"
- EF2361-PI22ZN** PIO 22"

* With Bracket

Loading Capacity : 45kg

Features : 100,000 open - close cycle
3 - Way Adjustable



- EF 2324-PI10ZN**
PIO 10" Full Extension Slide (Zinc) L250 mm x 45 mm
- EF 2324-PI12ZN**
PIO 12" Full Extension Slide (Zinc) L300 mm x 45 mm
- EF 2324-PI14ZN**
PIO 14" Full Extension Slide (Zinc) L350 mm x 45 mm
- EF 2324-PI16ZN**
PIO 16" Full Extension Slide (Zinc) L400 mm x 45 mm
- EF 2324-PI18ZN**
PIO 18" Full Extension Slide (Zinc) L450 mm x 45 mm
- EF 2324-PI20ZN-S**
PIO 20" Full Extension Slide (Zinc) L500 mm x 45 mm

Width : 46 mm
 Thickness : 1.5 mm x 1.2 mm x 1.5 mm
 Loading Capacity : 45kg (18")
 Finish : Zinc

Soft Closing



- EF2362-PI1210BK** PIO 12"
- EF2362-PI14BK** PIO 14"
- EF2362-PI16BK** PIO 16"
- EF2362-PI18BK** PIO 18"
- EF2362-PI20BK** PIO 20"
- EF2362-PI22BK** PIO 22"
- EF2362-PI24BK** PIO 24"

* With Bracket

Width : 45 mm
 Thickness : 1.1 mm x 1.1 mm x 1.4 mm
 Finish : Black

Loading Capacity : 35kg

53 mm Heavy Duty Full Extension Load Rating : 100kg (18")

**EF 2317-PI12ZN**

PIO 12" 53 mm Heavy Duty Full Extension Slide (Zinc) L300 mm x 53 mm

EF 2317-PI14ZN

PIO 14" 53 mm Heavy Duty Full Extension Slide (Zinc) L350 mm x 53 mm

EF 2317-PI16ZN

PIO 16" 53 mm Heavy Duty Full Extension Slide (Zinc) L400 mm x 53 mm

EF 2317-PI18ZN

PIO 18" 53 mm Heavy Duty Full Extension Slide (Zinc) L450 mm x 53 mm

EF 2317-PI20ZN

PIO 20" 53 mm Heavy Duty Full Extension Slide (Zinc) L500 mm x 53 mm

EF 2317-PI22ZN

PIO 22" 53 mm Heavy Duty Full Extension Slide (Zinc) L550 mm x 53 mm

EF 2317-PI24ZN

PIO 24" 53 mm Heavy Duty Full Extension Slide (Zinc) L600 mm x 53 mm

EF 2317-PI28ZN

PIO 28" 53 mm Heavy Duty Full Extension Slide (Zinc) L700 mm x 53 mm

Width : 53 mm

Thickness : 2.0 mm x 2.0 mm x 2.0 mm

Loading Capacity : 100kg (18")

Finish : Zinc



ELT Solutions Sdn. Bhd. (938558D)

Muar Address :

Lot 770, Jalan Jeram Tepi,
84000 Bakri, Muar, Johor.

Tel : 06-9866 000

Fax : 06-9866 464

Puchong Address :

No. 27 & 29, Jalan Industri Mas 3,
Taman Mas Sepang,
47100 Puchong, Selangor.

Tel : 019-7275 202

Fax : 03-8066 7799

Penang Address :

No. 9, Shop Lot, Plot 2510,
Jalan Industri Sungai Puyu,
Taman Industri Sungai Puyu,
13400 Butterworth.