



BEARING & TOOL CENTRE



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Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

147 | Adhesion Tester / Cross Hatch Cutter (1 or 2 mm)

Make	Indian	Catalog
Cutter Rs.	3000	Page No. - 2
Adhesive Tape Rs.	1500	Page No. - 2
Magnifier 6x Rs.	700	Page No. - 2
Magnifier 10x Rs.	900	Page No. - 2

147 - 1 | Cross Hatch Cutter + Tape + Magnifier Glass (1,2 & 3 mm)

Rs.	Catalog
8000	Page No. - 9

147 - 2 | Adhesion Tester / Cross Hatch Cutter (1 , 2 and 3 mm) @ 10% Discount

Make	Indian Good Quality	Catalog
A) Round Cutter 1, 2, 3 mm Pitch 6 Teeth Rs.	6100	Page No. - 10 - 13
Round Cutter 1 mm Pitch 11 Teeth Rs.	3700	Page No. - 10 - 13
Holder / Handle	2700	Page No. - 10 - 13
B) Flat Cutter 1, 2, 3 mm Pitch 6 Teeth Rs.	2500	Page No. - 10 - 13
Flat Cutter 1 mm Pitch 11 Teeth Rs.	1300	Page No. - 10 - 13
Holder / Handle	1350	Page No. - 10 - 13
Round Kit Set	20250	Page No. - 10 - 13
Flat Kit Set	10130	Page No. - 10 - 13

(Note : Set / Kit Includes - 4 Cutter + 1 Holder + 1 Adhesive Tape + Mag. Glass, Etc.)

Terms & Conditions -

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** - Kotak Mahindra Bank Ltd.
- **Branch** - Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

Bank Details

Name	Current Account no	Bank Name	Branch	IFSC NEFT code
Bearing and Tool Centre	08102 000 00 2689	Kotak Mahindra Ltd	Shivranjini , Satellite Road	KK BK 0000 810

Tax Details

GST no.	CST no	PAN no	TDS no
24070901229	24570901229	AA ZPM 6978 L	AHMU 01189 G

giant™**Cross Hatch Cutter**

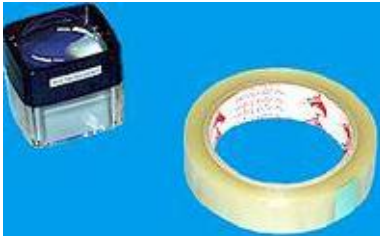
The Cross Hatch Cutter will allow an assessment to be made of the adhesion resistance of coatings to separation from substrates when a right-angled lattice pattern is cut into the coating and penetrates through to the substrate. The coating thickness determines the Cutter size used. The 1mm Cutter is suitable for coatings under 60 microns; the 2mm cutter is suitable for coatings over 60 microns.

Simple operation, each Cross Hatch Cutter has 6 cutting blades spaced either 1mm or 2mm apart, one cutting pass makes 6 cuts in the coating, a second pass at 90° makes a square lattice pattern. Apply Adhesive Tape over cut section and within 5 minutes remove tape. Classify the cut area according to the relevant national standard classification guide.

The cutting blades are ground onto 6 cutting sides, so that when one cutting side becomes blunt there are a further 5 cutting sides to use. Therefore giving a 1/3 rd extra life over conventional 4 sided models.

This Cutter complies with ISO, BS, DIN and ASTM methods of measurement.

<i>Cross Hatch Cutter</i>	
X2001	1mm cutters for coatings under 60 micron
X2002	2mm cutters for coatings over 60 micron
<i>Optional Accessories</i>	
XA001	Adhesion Tape complies with ASTM/ISO2409
A002	Viewing Lens complies with ISO2409



The cross hatch cutter will allow an assessment to be made of the adhesion resistance of coatings to separation from substrates when a right-angled lattice pattern is cut into the coating and penetrates through to the substrate. Coating is cut into small squares using cross cuts and reduces lateral bonding, and the adhesion assessed against ISO, ASTM or customer specifications. The coating thickness determines the cutter size used. The 1mm cutter is suitable for coatings under 60 microns; the 2mm cutter is suitable for coatings over 60 microns. Cross hatch cutter with 1mm with 11 teeth also available



Simple operation, each cross hatch cutter has 6 cutting blades spaced either 1mm or 2mm apart, one cutting pass makes 6 cuts in the coating, a second pass at 90° makes a square lattice pattern. Apply special adhesive tape over cut section and within 5 minutes remove tape. Classify the cut area according to the relevant national standard classification guide. This test conforms to BS 3900:E6, ASTM D 3359, BS/DIN EN ISO 2409

The cutting blades are ground onto 6 cutting sides, so that when one cutting side becomes blunt there are a further 5 cutting sides to use. Therefore giving a 1/3 rd extra life over conventional 4 sided models.

Cross hatch cutter kit is supplied complete in carrying case along with adhesive tape, cleaning brush and magnifier.
Supplied in a carrying case

Cross Hatch Cutter	
X2001	1mm cutter for coatings under 60 micron w/ 6teeth
X2002	2mm cutter for coatings over 60 micron w/ 6teeth
X3001	1mm cutter for coatings under 60 micron w/ 11teeth
Accessories	
XA001	Adhesion Tape complies with ISO2409
XA002	Viewing Lens complies with ISO2409



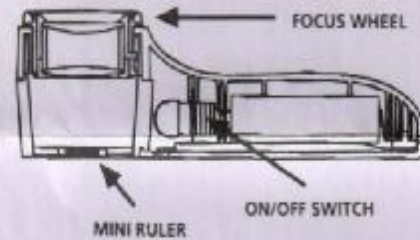


OPERATION MANUAL

#7580

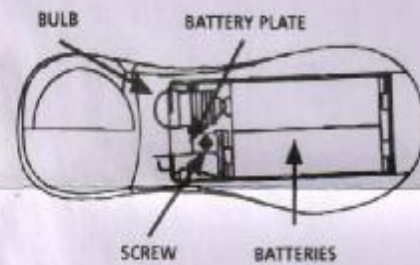
TO REPLACE BATTERIES

1. Slide the battery compartment cover backward to remove the cover.
2. Put two "AA" batteries as indicated by the polarity symbols (+ and -) marked inside the compartment.
3. Replace the cover.



TO REPLACE BULB

1. Remove the battery compartment cover and the batteries.
2. Use a screwdriver to remove the screw inside the battery compartment.
3. Lift the bulb holder up with the bulb.
4. Thread out the old bulb and replace the new bulb (not supplied.) Thread the new bulb in the bulb holder until it stops.
5. Insert the bottom side of the bulb holder to recess and then press the bulb holder into place.
6. Secure the bulb holder with the screw.



Adhesive Specialities

TEST REPORT

Date : 18.12.13

Batch No : 08G25

Product : Cross Hatch Tester Tape

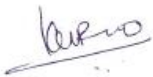
Size :

Sl No	Properties	Unit of Measurement	Specification	Result Obtained
1	Film Thickness	Micron	38 ± 2 Mic	39± 2Mic (D-3652)
2	Total Thickness	Micron	70±2 Mic	70± 2Mic (D-3652)
3	Tensile Strength	K G / 2.5CM	3.00 KG	3.52 KG (D-3759)
3	Tensile Strength	K G / 2.5CM	3.00 KG	3.52 KG (D-3759)
4	Elongation	%	350%	360% (D-3759)
5	Adhesion to steel	KG / 2.5 CM	1 KG	1.2 KG (D-3330)

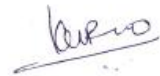
Ref: Tested as per ASTM-D-3759

Note: Shelf life 1 year

Verified



For Adhesive Specialities



TECHNICAL INFORMATION

PRODUCT NAME : **Cross Hatch Tester**

PRODUCT CODE :

FEATURES : The cross hatch tester tape is in accordance with ASTM D3359 specification . This tape along with the cross hatch tester is used for checking the adhesion of the paint coating after making the insertion with the cross hatch tester. You need to apply the pressure sensitive tape and remove it to get the cross hatch pattern. Looking at this pattern you can come to a conclusion as to the adhesion of the coating.

TECHNICAL CHARACTERISTICS :

Sl No	Properties	Unit of Measurement	Specification	Result Obtained
1	Film Thickness	Micron	50 Mic	50 Mic (D-3652)
2	Total Thickness	Micron	70 Mic	71 Mic (D-3652)
3	Tensile Strength	K G / 2.5CM	300 KG	352 KG (D-3759)
4	Elongation	%	350%	360% (D-3759)
5	Adhesion to steel	KG / 2.5 CM	900 Grams	1000 Grams (D-3330)

APPLICATION AND USAGE : This tape along with the cross hatch tester is used for checking the adhesion of the paint coating after making the insertion with the cross hatch tester.

LAB TEST CONDITIONS

Temperature : 20+-5 °C

Humidity : 60+-10 %RH

SHELF LIFE: 12 MONTHS

The above-mentioned data are typical values only. Suggestion for use and final results correspond to our departmental technical experience but cannot be intended as our commitment or liability. The user will determine the suitability of the product and the method of application for each specific use. Information is subject to change without notice.











2mm
pitch

