

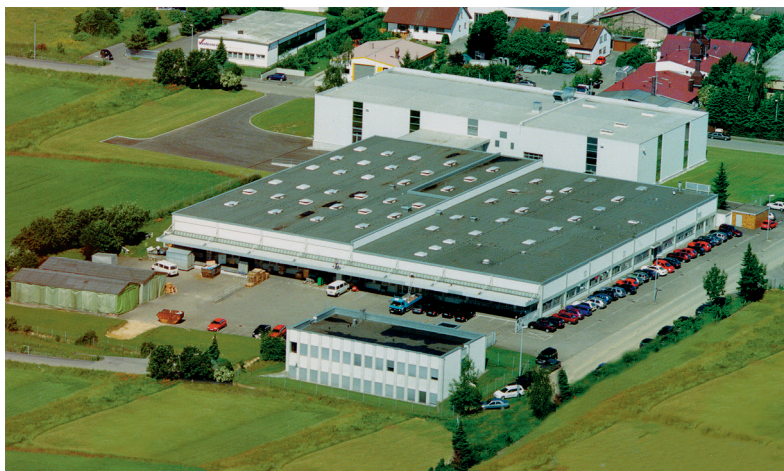


**HANEL**

# Occlusion World Catalogue

English





offices and factory in Langenau



for pinpoint occlusion

Occlusal testing and correction are two of the most demanding techniques in modern dentistry. Occlusal interference may cause dysfunctions leading to damaged teeth and pain for the patient. To avoid occlusal interference even the smallest high spots have to be traced. This art requires materials which will mark effectively and reliably in different conditions and on different materials.






The HANEL line includes a range of products for occlusal testing in the laboratory and dental practice. The materials have the correct thickness, elasticity, tensile strength and colour required by dentists for their gnathological work when locating pinpoint, surface or linear contacts, stops and microcontacts.

To complement the different test materials, HANEL also offers a range of accessories to make handling even easier.

## Contents

Paper .....	6	-	7
Foil .....	8	-	9
Silk .....	10	-	10
Shimstock .....	11	-	11
Spray .....	12	-	13
Instruments .....	14	-	14
Accessories .....	15	-	16

## Explanation

-  Single sided, one colour
-  Double sided, one colour
-  Double sided, two colours

## Representation of occlusal contacts obtained with different thicknesses of test materials



### **200 µ Paper**

Thick test material. Areas of high pressure cause larger marks.



### **80 µ Silk**

Highly differentiated colour transfer, medium fine with progressive markings, supple



### **80 µ and 40 µ Paper**

Medium fine test material



### **12 µ Foil**

Fine test material for pinpoint marking of high spots

In our experience the following colour/material combinations can be recommended:

- Gold blue
- Porcelain blue
- Amalgam green/red
- Composites blue/red

Blue foil is best used on particularly shiny surfaces (Gold, Porcelain) because of its contrast to the flesh coloured soft tissue.

# Articulating Paper



## Articulating Paper 200µ

For the first stage of testing, to differentiate between areas of high and low masticatory pressure

- allows for a quick overview of the occlusal contact situation
- progressive markings: the lower the masticatory pressure, the lighter the marking and vice versa
- available as strips in a practical dispenser box
- occlusal adjustment is simplified by the progressive markings



300 Sheets  
(18 mm × 50 mm)



REF

480 392  
480 397








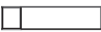


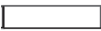








## Articulating Paper 80 µ + 40 µ

For medium fine testing

Available on rolls, or I-, C- and U-form sheets for easy, quick and precise marking. The use of tweezers is not necessary.

- double sided
- papers are available in one or two colours
- deep colours for good marking

80 µ			40 µ	
REF			REF	
	72 Sheets		480 367	480 337
			480 364	
				480 332
	144 Sheets		480 377	
			480 374	
	144 Sheets (20 mm x 105 mm)		480 387	
			480 384	
	120 Sheets (22 mm x 110 mm)			480 352
				480 354
				480 357
	15 m (22 mm wide)			480 322
				480 327

# Occlusion Foil



**22 mm**

## Occlusion Foil 12µ

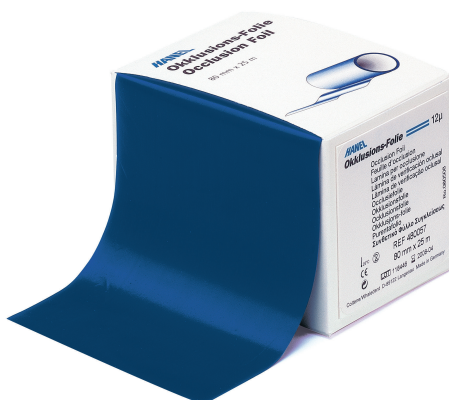
For precise occlusal adjustment

The HANEL foil fulfils all the requirements needed for today's gnathology. The biaxial characteristics of the foil ensure that it is highly tear resistant yet elastic. It is extremely fine and the precise colour transfer guarantees pinpoint markings on high spots.

The 22 mm wide foil is available in single-sided, double-sided one colour-ed and double-sided two coloured. For the 22 mm wide foil a practical dispenser is available with an integrated cutter.

The 80 mm wide foil is available single-sided or double-sided one coloured in a practical dispenser box.

- extremely thin
- very pliable
- pinpoint marking of stops and microcontacts
- non toxic colour layer
- no smearing


**80 mm**

**22 mm × 25 m**

**80 mm × 25 m**


REF

 480 021  
 480 022  
 480 023  
 480 027

 480 041  
 480 042  
 480 043  
 480 047  
 480 165

REF

 480 031  
 480 032  
 480 033  
 480 037

 480 051  
 480 052  
 480 053  
 480 057

### Start-Set

 4 single-sided foils à 5 m  
 (black, red, green, blue)

480 563

### Start-Set

 4 double-sided foils à 5 m  
 (black, red, green, blue)

480 564

For the foil dispenser for  
 22 mm and other access-  
 ories please see page 15

# Articulating Silk



## Articulating Silk 80μ

High quality natural silk. A medium fine material with progressive colour transfer, for use in the laboratory and dental practice.

- excellent tracing capacity
- extremely supple
- progressive colour transfer



**22 mm x 10 m**



**80 mm x 10 m**



REF

480 201  
480 202  
480 203  
480 207

REF

480 211  
480 212  
480 213  
480 217

# Shimstock-Foil



## Shimstock-Foil 8μ

For a precise end check

The Shimstock-Foil is a metal foil without a colour coating.

When the teeth are in normal occlusion, this foil can be pulled through the ground-in contacts. If a muscle tonus exists, the foil is held back.



**8 mm × 5 m**

REF

480 180

# Occlusion Spray



## Okklu-top

For checking approximal contact points and on interior surfaces of crowns and bridges, in the lab.

- extremely fine grain
- the colour is sprayed uniformly
- the special nozzle pipe allows precise spraying even in small areas
- good markings on gold, ceramic and plastic teeth
- even small contact points can be identified
- no irritation of the respiratory tract
- can be easily removed with water or alcohol



Can (75 ml)



REF  
480 410  
480 411



## Ghm-Spray

The Ghm-Spray is ideal for use in the crown and bridge technique in the lab. It is available in a practical 100 ml spray can.

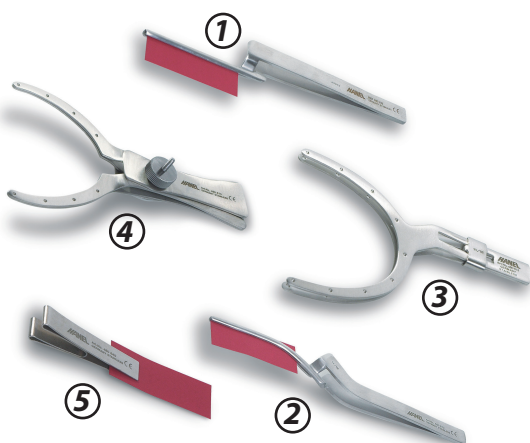
- precise application through use of nozzle pipe
- can be easily removed with water or alcohol



Can (100 ml)

	REF
<span style="color: red;">●</span>	480 402
<span style="color: green;">●</span>	480 403
<span style="color: blue;">●</span>	480 407

# Clamping Tweezers



## Clamping Tweezers

Precise tweezers are a must when working with super thin foils.  
All tweezers can be autoclaved.

### Miller tweezers

straight

①

REF

480 610

bent

②

480 612

### Double-fork

for the lab

③

480 613

double-fork clamping tweezers for dental laboratories (with an off-set handle to ensure that the incisal pin of the articulator is not an obstacle).

for the practice

④

480 614

double-fork tweezers for work in the dental surgery are folded when placed into the patients mouth, then opened with one hand for the full arch test.

### Tweezers

for Articulating Paper

5 pcs

⑤

480 640

# Dispenser



---

## Foil Dispenser

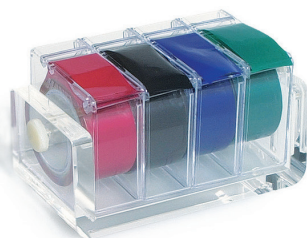
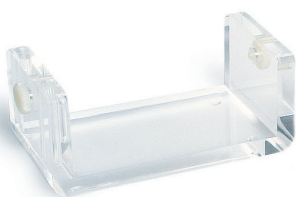
- for 22 mm rolls
- transparent
- with integrated cutter

REF

480 620

Join two or more dispensers with the Dispenser-Holder or Connector.

# Accessories



## Foil-Dispenser-Holder

Plexiglass, attractive design

	REF
for 2 Dispensers	480 632
for 3	480 633
for 4	480 634

## Connector

a practical alternative  
to hold 2, 3 or 4  
dispensers together

REF
480 624

# Notes

# Notes



**Coltène/Whaledent AG**

Feldwiesenstrasse 20  
9450 Altstätten / Switzerland  
Tel +41 71 757 5300  
Fax +41 71 757 5301  
info.ch@coltene.com

**Coltène/Whaledent GmbH + Co. KG**

Raiffeisenstraße 30  
89129 Langenau / Germany  
Tel +49 7345 805 0  
Fax +49 7345 805 201  
info.de@coltene.com

**Coltène/Whaledent Inc.**

235 Ascot Parkway  
Cuyahoga Falls, Ohio 44223 / USA  
Tel +1 330 916 8800  
Fax +1 330 916 7077  
info.us@coltene.com

**Coltène/Whaledent Ltd.**

The President Suite  
Kendal House, Burgess Hill, Victoria Way  
West Sussex, RH15 9NF / U.K.  
Tel +44 1444 235486  
Fax +44 1444 870640  
info.uk@coltene.com

[www.coltene.com](http://www.coltene.com)

All HANEL Products are available through your dental dealer

Your dealer

6001 3731 04.13 001 Printed on non-chlorine bleached paper. The right to make changes is reserved.