

HANEL

Spot landing.

Precise occlusion for
an aligned bite.



Straight to the point.

Detecting and treating occlusal disorders

Occlusal testing and correction are very demanding techniques in modern dentistry. With the comprehensive range of our HANEL product family, we are able to support you in detecting occlusal interferences. You can eliminate and even prevent impairments caused by the smallest contact points that lead to pain and tooth damage to your patients.

In addition to our HANEL test materials, we also offer a range of accessories to make handling even easier.

Precise success with progressive colour transmission

Our HANEL articulating papers and occlusion foils work according to the principle of progressive colour transmission. As the pressure of the teeth increases, more colour is released from our test equipment. Surfaces with intensive colouring indicate an occlusal contact, whereby the actual contact point itself is only very lightly marked and surrounded by colour.



Effects of occlusal interferences

As a result of restorations, extractions or orthodontic treatment the smallest functional interference changes the static and dynamic occlusion in the craniomandibular system. Symptoms of such disorders include bruxism, temporomandibular joint problems, headaches, muscle tension and even tinnitus.

CMD Syndrome = Craniomandibular dysfunction

Headache	TMJ problems
Hypersensitivity to light	Bruxism
Ear ache	Difficulties in swallowing
Tinnitus	Neck pain
Sensitivity to noise	Shoulder pain

Step 1

Articulating Paper

For the first stage of testing, we recommend the use of our HANEL Articulation papers in 200 µ, 80 µ and 40 µ.

All our papers are an excellent choice for static occlusion testing and they are characterized by

- effective and reliable marking under different conditions
- marking on different materials
- their application in practice and laboratory

Articulating Paper 200 µ

For the first stage of testing.

- Available as strips in a practical dispenser box
- Allows a quick overview of the occlusal contact situation



		200 µ
	300 Sheets (18 × 50 mm)	480392
		480397

Explanation

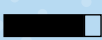
-  Single-sided, one colour
-  Double-sided, one colour
-  Double-sided, two colours



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
- Double sided colored
- Available in one or two colours
- Deep colour for good marking

		80 µ	40 µ
	72 Sheets	 480367	480337
		 480364	-
		 -	480332
	144 Sheets	 480377	-
		 480374	-
	144 Sheets (20 × 105 mm)	 480387	-
		 480384	-
	120 Sheets (22 × 110 mm)	 -	480352
		 -	480354
		 -	480357
	15 m (22 mm wide)	 -	480322
		 -	480327



Step 2

Occlusion Foil

For the second stage of testing we recommend our thin HANEL Occlusion Foils 12 μ . Find fine contact points and also benefit from the principle of progressive color transfer. For the 22 mm wide foil a practical dispenser is available with an integrated cutter.

Our foils

- are very thin
- guarantee pinpoint marking on high spots
- mark spots and microcontacts
- do not smear
- are tear resistant
- are single-sided or double-sided
- are one coloured or two colored

Occlusion Foil 12 μ

For precise occlusal adjustment the HANEL foil fulfills all the requirement needed for today's gnathology. Available as a roll in 22 mm and 80 mm width.



12 μ
22 mm $\times$ 25m

12 μ
80 mm $\times$ 25 m

	480021	480031
	480022	480032
	480023	480033
	480041	480051
	480042	480052
	480043	480053
	480165	-

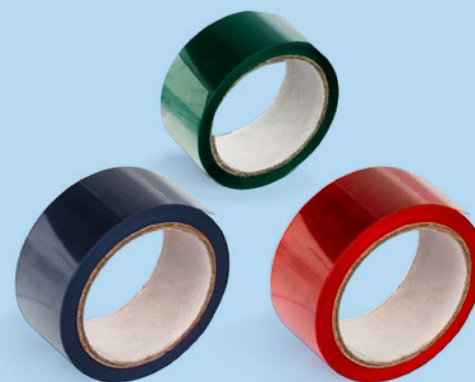
OccluFoil+ 12 μ

Can be used for occlusion test technique which require gnashing of the patient or pulling of the foil through the dentist.

- Much more tear resistant
- Extremely thin

12 μ
22 mm $\times$ 25 m

60022258
60022259
60022260
60022262
60022263
60022264
60022266



Step 3

Shimstock-Foil

For the final step, we recommend our HANEL Shimstock film 8 μ .

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 muscle tone exists, the foil is held back.



8 μ
8 mm $\times$ 5 m

480180

Accessories



Foil Dispenser

For 22 mm rolls.

- Transparent
- With integrated cutter

480620



Miller Tweezers

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

Straight	480610
Bent	480612



Occlusion Spray – Okklu-top

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

- Micropulverized indication spray
- 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
- Can be easily removed with water or alcohol



Can, 75 ml

- 480410
- 480411

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