

MDF5-0025C



MDF5-0026C



MDF5-0027C



MDF5-0028C



MDF5-0029C



MDF5-0030C



Actual-size images.

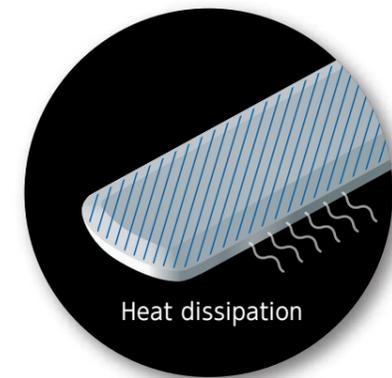
Brand name: CHIDORI Disposable Active Electrode

Generic name: High-frequency surgical equipment  
Medical Device Certification Number: 301AGBZX00022000

Product number	Product name	Total length	Blade tip insulation	Quantity per package	JAN code
MDF5-0025C	Coated blade electrode 7CM	7cm	—	10/box	4580618120254
MDF5-0026C	Coated blade electrode 7CM, insulation type		Yes		4580618120261
MDF5-0027C	Coated blade electrode 10CM	10cm	—		4580618120278
MDF5-0028C	Coated blade electrode 10CM, insulation type		Yes		4580618120285
MDF5-0029C	Coated blade electrode 15CM	15cm	—		4580618120292
MDF5-0030C	Coated blade electrode 15CM, insulation type		Yes		4580618120308

Disposable Electrosurgical Pencil

RAIKIRI®



Heat dissipation

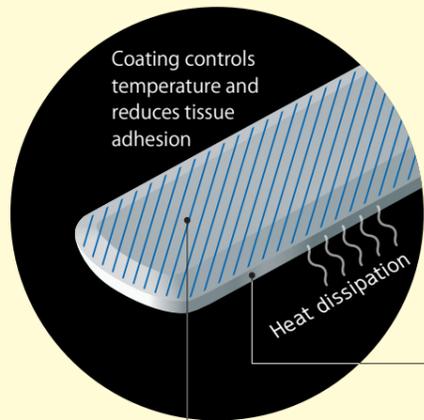
Disposable Active Electrode

CHIDORI®



## Controls temperature and reduces tissue adhesion

Developed by combining Nihon Parkerizing's coating agents and our proprietary coating technology.



### Uncoated surface (sides)

Sides are left uncoated to create an electrical discharge area, improve heat dissipation performance and controls temperature.

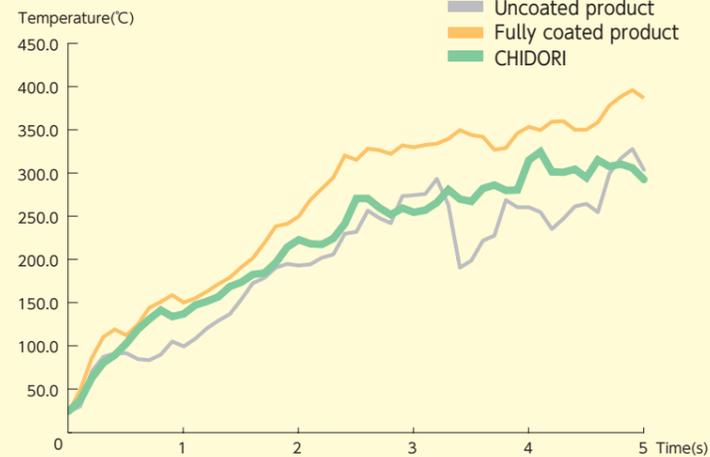
### Coated surface

Continually refined over many years, Nihon Parkerizing's proprietary resilient coating technology makes wiping off scorched deposits quick and easy.

Appropriate criteria were chosen from the viewpoint of controlling temperature and preventing scorching.

(The study compared performance with that of other Nihon Parkerizing products.)

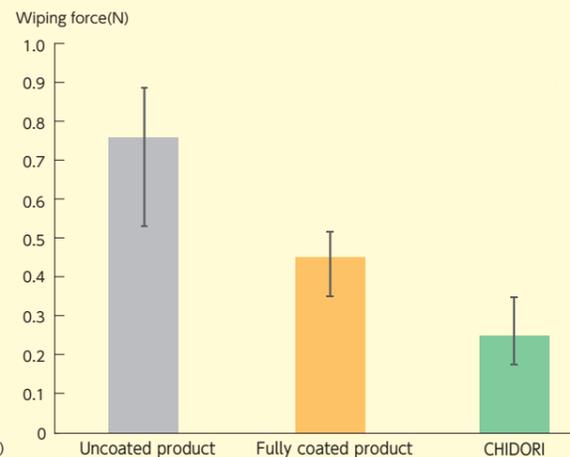
### Controlling temperature



Rises in electrode temperature at the scalpel tip occur possibly for the following two reasons:  
 1. Scorching increases resistance, causing temperature rise.  
 2. Coating the distal tip of the blade electrode inhibits heat dissipation, causing temperature rise.  
 The proprietary coating technology used in CHIDORI® successfully controlled the temperature.

Experimental method: The temperature of the distal tip of the blade electrode was measured using a radiation thermometer while electricity was discharged into porcine blood from the blade electrode's distal tip (power output, 75 W).

### Tissue adhesion reduction



Nihon Parkerizing's coating material reduces tissue adhesion. CHIDORI® successfully reduced deposit adhesion while maintaining coating performance by controlling temperature.

Experimental method: The distal tip of the blade electrode was inserted 2.0 mm into a sample of porcine blood and electricity was discharged to generate scorching on the surface. Wiping force was measured using a scratch tester.



Holster included.

MDF8-R025C

MDF8-R026C

## Brand name: RAIKIRI Disposable Electrosurgical Pencil

Generic name: High frequency surgical equipment  
 Medical Device Certification Number: 302AFBZX00119000

Product number	Product name	Total length	Blade tip insulation	Quantity per package	JAN code
MDF8-R025C	Pencil (coated blade electrode 7CM)	7cm	—	1	4580618120520
MDF8-R026C	Pencil (coated blade electrode 7CM, insulated type)		Yes		4580618120537