

LASERLITH® I-DUST FIBERS INFORMATION

EDAP TMS fibers are specially designed to work with the Laserlith® i-dust. These surgical fibers are designed to guarantee the optimum transmission of strong laser energy in a wide wavelength range.

All our medical devices meet the applicable requirements on EN ISO 10993 and USP Class VI standards for biological assessments of medical devices.

The reusability has been tested and validated. This guarantees superior properties, a wide range of application options and highest long term reliability.

Specifications

Applications	Surgical multi-disciplinary
Accepted wavelengths	532 – 2250 nm
Use modes	Contact, semi-contact, no-contact
Materials	low OH Silica-Silica N.A. 0.22, silicone buffer, ETFE jacket
Length	3 m ± 0.2 m
Distal end	Bare, stripped 5 mm ± 1 mm
Connector	high-power connector, freestanding

Package and storage conditions

Package	Double packed in sterile bag (EO)
Shelf life	Five years
Storage condition	Storage in a dry and dust-free condition

Reusable device information

Allowed re-uses	Up to 10
Validated method	Five years
Storage condition	Wet vapour (134°C, 5 min, 2 bar) - Sterrad

Single-Use	200 µm	272 µm	365 µm	550 µm	800 µm	1000 µm
Ref. code	TMS236547	TMS236548	TMS236549	TMS236550	TMS236551	TMS236552
Cladding diameter	220 µm	306 µm	390 µm	600 µm	880 µm	1100 µm
Buffer diameter	240 µm	326 µm	430 µm	630 µm	980 µm	1300 µm
Jacket diameter	375 µm	420 µm	550 µm	750 µm	1200 µm	1600 µm

Re-usable	200 µm	272 µm	365 µm	550 µm	800 µm	1000 µm
Réf. Code	TMS236541	TMS236542	TMS236543	TMS236544	TMS236545	TMS236546
Cladding diameter	220 µm	306 µm	390 µm	600 µm	880 µm	1100 µm
Buffer diameter	240 µm	326 µm	430 µm	630 µm	980 µm	1300 µm
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CAUTION - Laser radiation when
open and interlocks defeated

VISIBLE AND INVISIBLE LASER RADIATION

Avoid eye or skin exposure to direct or scattered radiation

Class 4 laser product

Maximum output laser radiation	30W
Pulse duration	95 ± 1500µs
Wavelengths	2,1µm
Aiming beam	Class 3R
Standard	IEC/EN 60825-1: 2007

<5mW@532nm

CE
0459