

*The advantage of time.
The power of control.
Earning your confidence.*



Onyx™ LES
Liquid Embolic System



Onyx™ Liquid Embolic System

With a track record of over 200,000 units sold, Onyx™ LES has earned the confidence of physicians worldwide. Our proven professional education curriculum forms a true partnership in patient care. Along with a full suite of compatible Access products, no one offers more solutions for embolization.

The Onyx™ liquid embolic agent is an EVOH co-polymer designed to provide full penetration and complete occlusion of vascular lesions

The Onyx™ liquid embolic agent allows for:

- A slow controlled injection and delivery method.
- The ability to stop and start the injection.
- Cohesive deposition and delivery.
- Excellent visibility.¹
- Control angiography during embolic injection.
- Excellent surgical handling characteristics.¹

Onyx™ LES consists of the following components:

- EVOH (ethylene vinyl-alcohol copolymer): the embolic material.
- DMSO (dimethyl-sulfoxide): the solvent for liquid delivery of EVOH.
- Micronized tantalum powder: for radiographic visualisation.

Onyx™ Compatible Support Products

Onyx™ Liquid Embolic System Kit	Onyx™ Liquid Embolic System 18 Kit Onyx™ Liquid Embolic System 20 Kit Onyx™ Liquid Embolic System 34 Kit
Onyx™ Liquid Embolic System Mixer	Onyx™ Liquid Embolic System Mixer
Compatible Guidewire	Mirage™ Hydrophilic Guidewire X-Pedion™ Hydrophilic Guidewire SilverSpeed™ Hydrophilic Guidewire
Compatible Micro Catheter	Apollo™ Detachable Tip Micro Catheter Marathon™ Micro Catheter UltraFlow™ Micro Catheter Echelon™ Micro Catheter Rebar™ Micro Catheter
Compatible Neuro Balloons	HyperGlide™ Occlusion Balloon HyperForm™ Occlusion Balloon
Compatible Support Products	1mL Luer-Lock Injection Syringe Syringe Catheter Interface Adapter

Ordering Information

Onyx 18™	105-7000-060
Onyx 20™	105-7000-065
Onyx 34™	105-7000-080

Packaging:

One Onyx™ LES kit contains the following:

- 1.5 mL vial of Onyx™ 18, 20 or 34
- 1.5 mL vial of DMSO
- 1 mL delivery syringes
 - 2 white for Onyx™
 - 1 yellow for DMSO



¹ "Preoperative Embolization of Intracranial Arteriovenous Malformations with Onyx", Neurosurgery Vol 61; 2: 251 Weber et al. (2007).

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. All claims and descriptions are for CE regulated countries. Availability of these products may vary in countries outside EU. COVIDIEN, COVIDIEN with logo, Covidien logo and *positive results for life* are U.S. and internationally registered trademarks of Covidien AG. Other brands are trademarks of a Covidien company. © 2012 Covidien.

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