

Systems Specifications

The PHIL device is a non-adhesive liquid embolic agent comprised of a co-polymer dissolved in DMSO (dimethyl sulfoxide).

Starter Kit



Product Code	Product	Viscosity	Average Kinematic Viscosity	Liquid Embolic Content per Package
PHIL Starter Kit: 1 sterile pre-filled syringe of PHIL liquid embolic; 1 sterile pre-filled syringe of DMSO; 1 Universal Adaptor				
LEN10LV250	PHIL LV	Low	12 cSt	1 x 1mL
LEN10250	PHIL 25%	Standard	16 cSt	1 x 1mL
LEN10300	PHIL 30%	Medium	36 cSt	1 x 1mL
LEN10350	PHIL 35%	High	72 cSt	1 x 1mL

RePHIL Kit



Product Code	Product	Viscosity	Average Kinematic Viscosity	Liquid Embolic Content per Package
RePHIL Kit: 2 sterile pre-filled syringes of PHIL liquid embolic; 1 Universal Adaptor				
LEN10LV250RE	PHIL LV	Low	12 cSt	2 x 1mL
LEN10250RE	PHIL 25%	Standard	16 cSt	2 x 1mL
LEN10300RE	PHIL 30%	Medium	36 cSt	2 x 1mL
LEN10350RE	PHIL 35%	High	72 cSt	2 x 1mL

Microcatheter Compatibility

PHIL device must be used with DMSO compatible catheters such as:

Product Name	Product Codes	Description	Working Length	Dead Space	Dead Space w/Universal Adaptor ²	Proximal OD	Distal OD	Guidewire Lumen Burst Pressure	Tip Markers
Scepter Mini™	BC0210M	Micro-Balloon Occlusion Catheter	165 cm	0.44 mL	0.25 mL	2.8 Fr 0.037 in 0.94 mm	1.6 Fr 0.021 in 0.53 mm	700 PSI	2
Scepter C®	BC0410C BC0415C BC0420C	Compliant Occlusion Balloon	150 cm	0.44 mL	0.24 mL	2.8 Fr 0.037 in 0.94 mm	2.1 Fr 0.030 in 0.71 mm	700 PSI	3
Scepter XC®	BC0411XC	X-tra Compliant Occlusion Balloon	150 cm	0.44 mL	0.24 mL	2.8 Fr 0.037 in 0.94 mm	2.1 Fr 0.030 in 0.71 mm	700 PSI	3
Headway® 17	MC172150S MC172150SX	Headway® 17 Microcatheter	150 cm	0.41 mL	0.25 mL	2.4 Fr 0.032 in 0.80 mm	1.7 Fr 0.022 in 0.56 mm	300 PSI	2
Headway® 21	MC212150S	Headway® 21 Microcatheter	150 cm	0.51 mL	0.37 mL	2.5 Fr 0.033 in 0.84 mm	2.0 Fr 0.026 in 0.67 mm	300 PSI	2
Headway® Duo 156cm	MC162156S	Headway® Duo Microcatheter	156 cm	0.34 mL	0.24 mL	2.1 Fr 0.028 in 0.70 mm	1.6 Fr 0.021 in 0.53 mm	700 PSI	2
Headway® Duo 167cm	MC162167S	Headway® Duo Microcatheter	167 cm	0.35 mL	0.25 mL	2.1 Fr 0.028 in 0.70 mm	1.3 Fr 0.017 in 0.43 mm	700 PSI	1

Features

Benefits

4 Concentrations Available

Broad portfolio to address differing flow rate scenarios and distal or proximal penetration

Pre-Filled Syringes

No preparation required, ready-to-use in sterile syringes

Iodine Bonded Radiopacifier

- Homogenous radiopacity
- No shaking needed
- No added metal for minimal CT artifact

High Embolic Capacity

More solid volume with less DMSO¹

Universal Adaptor

Suitable for use with any DMSO-compatible microcatheters

RePHIL Kit

Avoid DMSO waste when used in combination with the PHIL Starter Kit

¹TR13-089

²TR18-330

INDICATIONS FOR USE:

The PHIL® Device is intended for use in the embolization of lesions in the peripheral and neurovasculature, including arteriovenous malformations and hypervascular tumors.

For healthcare professionals and professional use only.

MICROVENTION, PHIL, Scepter Mini, Scepter C, Scepter XC and Headway are trademarks of MicroVention, Inc. Scientific and clinical data related to this document are on file at MicroVention, Inc. Refer to Instructions for Use, contraindications and warnings for additional information. ©2019 MicroVention, Inc. MM784(i) EMEA-APLA 09/19



**MicroVention Worldwide
Innovation Center**

35 Enterprise
Aliso Viejo, CA 92656 USA

MicroVention UK Limited
MicroVention Europe, S.A.R.L.
MicroVention Deutschland GmbH
Web

PH +1.714.247.8000

PH +44 (0) 191 258 6777
PH +33 (1) 39 21 77 46
PH +49 211 210 798-0
microvention.com