

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.

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**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