



# Liquid Embolic System

## PHIL™ - Precipitating Hydrophobic Injectable Liquid

PHIL™ Non-adhesive Liquid Embolic System			
Product Code	Concentration	Viscosity	Content Per Syringe
1 pre-filled syringe of PHIL™ liquid embolic, 1 pre-filled syringe of DMSO and microcatheter hub adaptors*			
LEN10250	25%	Low	1mL
LEN10300	30%	Medium	1mL
LEN10350	35%	High	1mL

\*Available for Headway® DUO Microcatheter, Headway®17 Microcatheter, Scepter C® and Scepter XC® Balloon Occlusion Catheters and BALT® SONIC Microcatheter

### Features

3 Concentrations Available

Pre-loaded Syringes

Iodine Bonded Radiopacifier

High Volume of Embolic Precipitate

### Benefits

For different flow rate scenarios and distal or proximal penetration

No preparation required, ready to use

Homogeneous radiopacity  
No shaking needed  
No added metal for minimal artifact

More embolic capacity with less DMSO agent

## Microcatheter Compatibility

PHIL™ device must be used with DMSO compatible catheters such as Headway® DUO Microcatheter, Headway®17 Microcatheter or Scepter Occlusion Balloon.

Product Name	Product Codes	Description	Working Length (cm)	Dead Space (mL)	Dead Space with PHIL™ Adaptor (mL)	OD Prox./Dist. (French)	Tip Markers
Scepter C®	BC0410C BC0415C BC0420C	Compliant Occlusion Balloon	150	0.44	0.23	2.8/2.1	3
Scepter XC®	BC0411XC	X-tra Compliant Occlusion Balloon	150	0.44	0.23	2.8/2.1	3
Headway® 17	MC172150S MC172150SX	Headway® 17 Microcatheter	150	0.41	0.26	2.4/1.7	2
Headway® Duo 156cm	MC162156S	Headway® Duo Microcatheter	156	0.34	0.24	2.1/1.6	2
Headway® Duo 167cm	MC162167S	Headway® Duo Microcatheter	167	0.35	0.25	2.1/1.3	1

Dead space of BALT® SONIC 1.2F (165cm) Microcatheter with MicroVention adaptor is approximately 0.17mL



### 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.

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