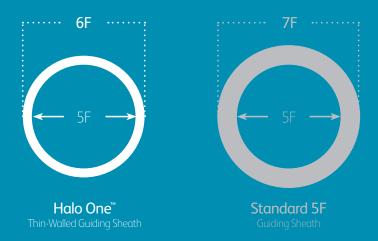
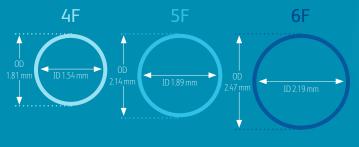
Downsize Your Access Site Profile

5F Profile Size Comparison



Not drawn to scale. For illustrative purposes only.

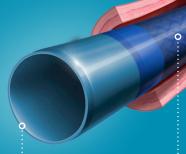
Thin-Walled Design To Reduce Arteriotomy Size ⁴



Not drawn to scale

Halo One[™] Thin-Walled Guiding Sheath

- Thin-walled design reduces arteriotomy size which can help minimize access site complications^{1,2}
- Halo One[™] Thin-Walled Guiding Sheath is the only thin-walled guiding sheath with lengths suitable for distal peripheral intervention³



Flexible, Thin-Walled Design Reinforced, Stainless Steel Braid



Halo One[™] Thin-Walled Guiding Sheath

French Size	Sheath Length (cm)	Recommended Guidewire	Product Codes	Hydrophilic Coating
4	10	0.018"	HLO41018FH	Yes
	10	0.035"	HLO41035F	No
	10	0.035"	HLO41035FH	Yes
	25	0.035"	HLO42535	No
	25	0.035"	HL042535H	Yes
	45	0.035"	HLO44535	Yes
	70	0.035"	HL047035	Yes
	90	0.035"	HLO49035	Yes
5	10	0.018"	HL051018FH	Yes
	10	0.035"	HL051035F	No
	10	0.035"	HLO51035FH	Yes
	25	0.035"	HL052535	No
	25	0.035"	HL052535H	Yes
	45	0.035"	HL054535	Yes
	70	0.035"	HL057035	Yes
	90	0.035"	HL059035	Yes
6	10	0.035"	HL061035F	No
	10	0.035"	HLO61035FH	Yes
	25	0.035"	HL062535H	Yes
	25	0.035"	HL062535	No
	New 45	0.035"	HL064535	Yes
	New 70	0.035"	HL067035	Yes
	New 90	0.035"	HL069035	Yes

1 Ortiz, Daniel, et al. "Access site complications after peripheral vascular interventions: incidence, predictors, and outcomes." Circulation: Cardiovascular Interventions 7.6 (2014): 821-828.

4 Data on File. Halo One data are provided for non-hydrophilically coated product. Specifications for hydrophilically-coated devices are as follows: 4F OD = 1.84mm, ID = 1.54mm; 5F OD = 2.17mm, ID = 1.89mm; 6F OD = 2.50mm, ID =2.19mm

Halo One[™] Thin-Walled Guiding Sheath

Contraindications: There are no known contraindications for the Halo One[™] Thin-Walled Guiding Sheath.
Warnings: 1) Contents supplied STERILE using ethylene oxide (EtO). Non-pyrogenic. Do not re use, reprocess or re-sterilize.
This device is intended for single use only. 2) Do not resterilize. After resterilization, the sterility of the product is not
guaranteed because of an indeterminable degree of potential pyrogenic or microbial contamination which may lead to
infectious complications. Cleaning, reprocessing and/or resterilization of the present medical device increases the probability
that the device will malfunction due to potential advorgent or microbial contamination which may lead to
mechanical changes. 3) This device has been designed for single use only. Reusing this medical device bears the risk of
cross-patient contamination as medical devices – particularly those with long and small lumna, pints, and/or cevices
between components – are difficult or impossible to clean once body fluids or tissues with potential pyrogenic or microbial
complications. 4) Visually inspect the packaging to verify that the sterile barrier is intact. Do not use if the sterile barrier
is opened or damaged 5) Use the sheath prior to the "Use By" date specified on the package. 8) The Halo One[™]
Thin-Walled Guiding Sheath has not been evaluated for use in the neurovasculature or the corronary vasculature,
use, this prodential device, or any component if resistance is met, without first determining the cause and
taking remedial action. 7) Do not use a power injector through the sideport or the thereway topcock. 8) The Halo One[™]
Thin-Walled Guiding Sheath has not been evaluated for use in the neurovasculature or the coronary vasculature,
set and applicable local, state and federal laws and regulations. 10) Only advance or retract the sheath with the dilator inserted and
only advance or retract the sheath may index the may clause and
taking remedial device for an index of approxes and accorptabe with acceptable medical prac

Robust Size Offering

Halo One[™] Thin-Walled Guiding Sheath offers a broad size matrix to fit your everyday needs

	10cm		25cm	45cm	70cm	90cm
Dilator size	0.018"	0.035"	0.035"	0.035"	0.035"	0.035"
4F	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
5F	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
6F		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

Indicates New Size

REPRESENTATIVE'S NAME

CONTACT PHONE NO.

PHYSICIAN'S SIGNATURE

acceptable sheath French size is printed on the package label. Do not attempt to pass devices through a smaller size sheath introducer than indicated on the device label. **5**) The pouch should be inspected prior to opening to ensure the sterile barrier is not compromised. The device should be carefully removed and placed in the sterile heat. The entire procedure from skin puncture or incision to sheath withdrawal must be carried out septically. **6**) Carefully inspect the sheath prior to use to verify that the sheath prior to use if product damage is evident. **7**) Careful attention must be paid to the maintenance of tight valve connections for duration of procedure to avoid bload leakage or the introduction of an into the system. Take remedial action if any excessive bload leakage is observed. **8**) Insert dilator into the center of the sheath valve. Forced insertion of the dilator which misses the center of the valve may cause damage and result in bload leakage. **9**) Advance or withdraw the sheath slowly. If resistance is met do not advance or withdraw until the cause of resistance is determined. **10**) When inserting, manipulating or withdrawing a device through the introducer always maintain the introducer position. **11**) Penove the dilator from the sheath slowly to avoid incomplete closing of the valve resulting in bload leakage. **12**) When using procedural devices close to the tip of the sheath center of the sheath, aspirate bload from the sheath is low to avoid incomplete closing of the valve resulting in bload leakage. **12**) When using procedural devices (e.g., bulloon, stent zone, material removal section of a therectory device) is not within the tip of the sheath. **13**) Before removing or inserting the interventional/diagnostic device through the sheath, aspirate bload from the 3-way stopcock to remove any fibrin deposition which may have accemplate in or on the tip of the sheath proto advancing attemizes only the sheath the procedural device prior to removal through the sheath. **14**) Ensure the dilator i

Please consult product labels and instruction for use for indications, contraindications, hazards, warnings, and precautions

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