

PERCUTANEOUS ACCESS

Introducers

Coaxial Introducers

Large Bore Introducers

Prelude™ Sheath Introducers

Valve Crossing Tool

Introducers

Coaxial Introducer/Dilator Pairs



French Size: 4F
Length: 10cm

MAK4F-10

French Size: 5F
Length: 10cm

MAK5F-10

French Size: 5F
Length: 15cm

MAK5F-15

French Size: 4F
Length: 10cm
Stiffened Dilator

S-MAK4F-10

French Size: 5F
Length: 10cm
Stiffened Dilator

S-MAK5F-10

French Size: 5F
Length: 15cm
Stiffened Dilator

S-MAK5F-15

Coaxial Introducer Kits



French Size: 4F
Needle Length: 7cm
Core/Tip: Stainless Steel/Stainless Steel
Length: 10cm, Gauge: 21, Guide Wire
Diameter/Length: 0.018" (0.46mm) x 40cm
Echo Enhanced

MAK401



French Size: 4F
Needle Length: 7cm
Core/Tip: Stainless Steel/Stainless Steel
Length: 10cm, Gauge: 21, Guide Wire
Diameter/Length: 0.018" (0.46mm) x 40cm
Echo Enhanced

MAK401-E



French Size: 4F
Needle Length: 4cm
Core/Tip: Stainless Steel/Stainless Steel
Length: 10cm, Gauge: 21, Guide Wire
Diameter/Length: 0.018" (0.46mm) x 40cm
Echo Enhanced

MAK401-PED



French Size: 4F
Needle Length: 7cm
Core/Tip: Nitinol/Platinum Tip, Length: 10cm
Gauge: 21, Guide Wire Diameter/Length:
0.018" (0.46mm) x 40cm

MAK401N



French Size: 4F
Needle Length: 7cm
Core/Tip: Nitinol/Platinum Tip, Length: 10cm
Gauge: 21, Guide Wire Diameter/Length:
0.018" (0.46mm) x 40cm, Echo Enhanced

MAK401N-E



French Size: 4F
Needle Length: 4cm
Core/Tip: Nitinol/Platinum Tip, Length: 10cm
Gauge: 21, Guide Wire Diameter/Length:
0.018" (0.46mm) x 40cm
Echo Enhanced

MAK401N-PED

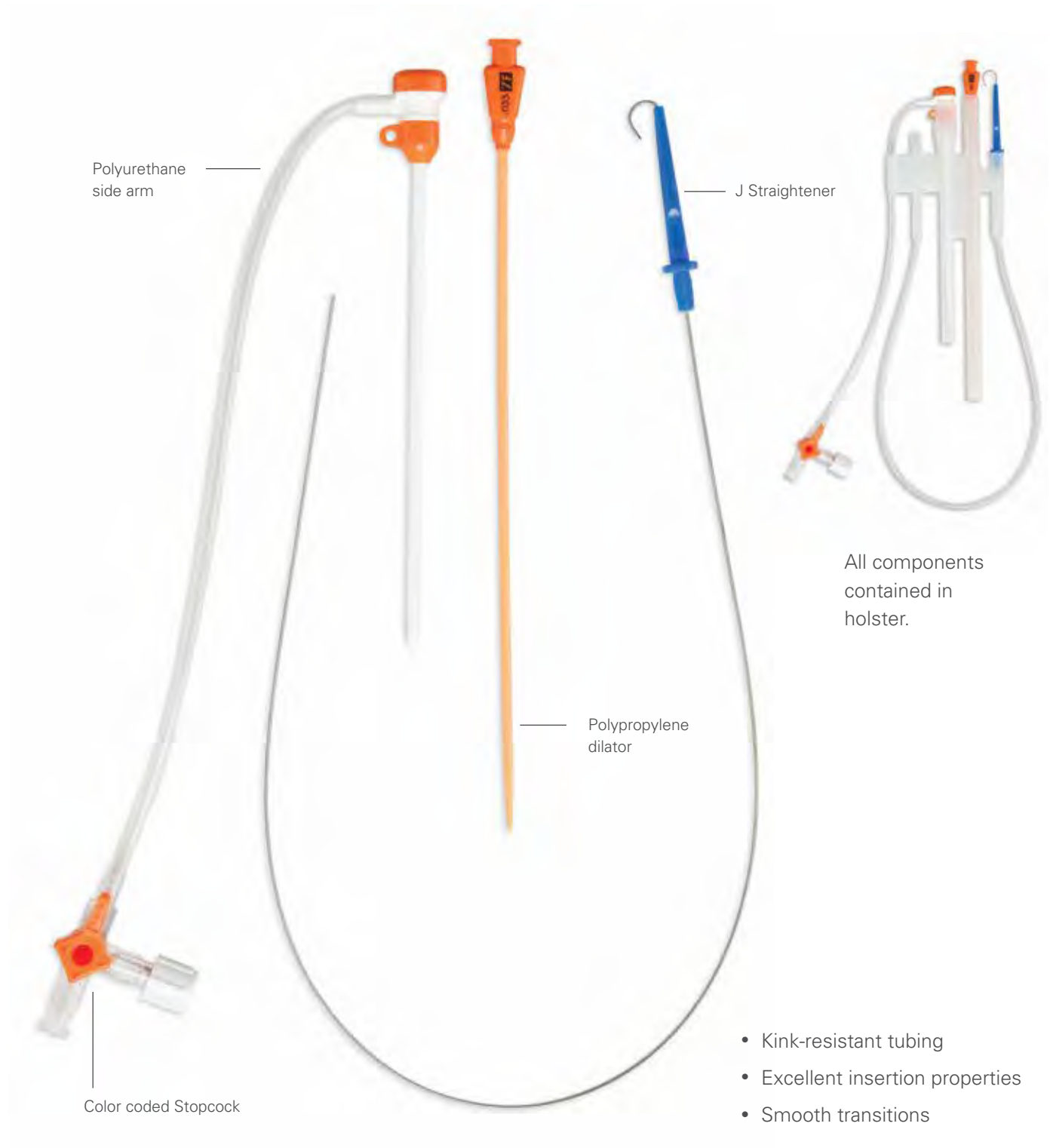
Large Bore Introducers



French Size: 16F
Sheath Length: 13cm
Dilator Length: 20cm
No Sideport

FCL-174-00

Prelude™ Sheath Introducers & Dilators



Prelude™ Sheath Introducers 11cm

The Prelude™ Sheath Introducer is packaged in a holster that keeps all components secure, especially the guide wire. Components can be flushed while in the holster. Guide wires are double ended, stainless steel, with a 3mm J end and a floppy straight end. Product includes a vessel dilator, sheath introducer and guide wire (also available without guide wire).

SHEATH INTRODUCERS

Packaged in holster; 5 per box

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Hub Color
PSI-4F-11-035	4F	11cm	0.035" (0.89mm) x 50cm	red
PSI-5F-11-035	5F	11cm	0.035" (0.89mm) x 50cm	gray
PSI-6F-11-035	6F	11cm	0.035" (0.89mm) x 50cm	green
PSI-7F-11-035	7F	11cm	0.035" (0.89mm) x 50cm	orange
PSI-8F-11-035	8F	11cm	0.035" (0.89mm) x 50cm	blue
PSI-5F-11-038	5F	11cm	0.038" (0.97mm) x 50cm	gray
PSI-6F-11-038	6F	11cm	0.038" (0.97mm) x 50cm	green
PSI-7F-11-038	7F	11cm	0.038" (0.97mm) x 50cm	orange
PSI-8F-11-038	8F	11cm	0.038" (0.97mm) x 50cm	blue
PSI-4F-11	4F	11cm	N/A	red
PSI-5F-11	5F	11cm	N/A	gray
PSI-6F-11	6F	11cm	N/A	green
PSI-7F-11	7F	11cm	N/A	orange
PSI-8F-11	8F	11cm	N/A	blue



Prelude™ Sheath Introducers 23cm

The Prelude™ Sheath Introducer is packaged in a holster that keeps all components secure, especially the guide wire. Components can be flushed while in the holster. Guide wires are double ended, stainless steel, with a floppy 3mm J end and a floppy straight end. Product includes a vessel dilator, sheath introducer and guide wire (also available without guide wire).

SHEATH INTRODUCERS Packaged in holster; 5 per box

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Hub Color
PSI-4F-23-035	4F	23cm	0.035" (0.89mm) x 80cm	red
PSI-5F-23-035	5F	23cm	0.035" (0.89mm) x 80cm	gray
PSI-6F-23-035	6F	23cm	0.035" (0.89mm) x 80cm	green
PSI-7F-23-035	7F	23cm	0.035" (0.89mm) x 80cm	orange
PSI-8F-23-035	8F	23cm	0.035" (0.89mm) x 80cm	blue
PSI-5F-23-038	5F	23cm	0.038" (0.97mm) x 80cm	gray
PSI-6F-23-038	6F	23cm	0.038" (0.97mm) x 80cm	green
PSI-7F-23-038	7F	23cm	0.038" (0.97mm) x 80cm	orange
PSI-8F-23-038	8F	23cm	0.038" (0.97mm) x 80cm	blue
PSI-4F-23	4F	23cm	N/A	red
PSI-5F-23	5F	23cm	N/A	gray
PSI-6F-23	6F	23cm	N/A	green
PSI-7F-23	7F	23cm	N/A	orange
PSI-8F-23	8F	23cm	N/A	blue



Prelude PRO™ Sheath Introducers & Prelude ACT™ Sheath Introducers

Prelude Pro™ Sheath tubing offers increased resilience and additional support during procedure.
 Prelude ACT™ (Activated Clotting Time) Sheaths allow easy blood draw through sheath side arm.
 Packaged in holster; 5 per box.

PRO SHEATH INTRODUCERS

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Hub Color
PRO-4F-11-035	4F	11cm	0.035" (0.89mm) x 50cm	red
PRO-5F-11-035	5F	11cm	0.035" (0.89mm) x 50cm	gray
PRO-6F-11-035	6F	11cm	0.035" (0.89mm) x 50cm	green
PRO-7F-11-035	7F	11cm	0.035" (0.89mm) x 50cm	orange
PRO-8F-11-035	8F	11cm	0.035" (0.89mm) x 50cm	blue
PRO-5F-11-038	5F	11cm	0.038" (0.97mm) x 50cm	gray
PRO-6F-11-038	6F	11cm	0.038" (0.97mm) x 50cm	green
PRO-7F-11-038	7F	11cm	0.038" (0.97mm) x 50cm	orange
PRO-8F-11-038	8F	11cm	0.038" (0.97mm) x 50cm	blue
PRO-4F-11	4F	11cm	N/A	red
PRO-5F-11	5F	11cm	N/A	gray
PRO-6F-11	6F	11cm	N/A	green
PRO-7F-11	7F	11cm	N/A	orange
PRO-8F-11	8F	11cm	N/A	blue



ACT SHEATH INTRODUCERS

All ACT Sheaths use PRELUDE PRO™ Tubing

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Hub Color
PSI-4F-11-035ACT	4.5F	11cm	0.035" (0.89mm) x 50cm	red
PSI-5F-11-038ACT	5.5F	11cm	0.038" (0.97mm) x 50cm	gray
PSI-6F-11-038ACT	6.5F	11cm	0.038" (0.97mm) x 50cm	green
PSI-7F-11-038ACT	7.5F	11cm	0.038" (0.97mm) x 50cm	orange
PSI-8F-11-038ACT	8.5F	11cm	0.038" (0.97mm) x 50cm	blue
PSI-4F-11ACT	4.5F	11cm	N/A	red
PSI-5F-11ACT	5.5F	11cm	N/A	gray
PSI-6F-11ACT	6.5F	11cm	N/A	green
PSI-7F-11ACT	7.5F	11cm	N/A	orange
PSI-8F-11ACT	8.5F	11cm	N/A	blue

Prelude™ Sheath Introducers with Merit Advance™ Needle

The Prelude™ Sheath Introducer with Merit Advance needle includes the sheath introducer, vessel dilator, guide wire and needle all packaged in a holster. Packaged in holster; 5 per box.

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Needle Gauge/length	Hub Color
PSI-5F-11-035-18G	5F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm	gray
PSI-6F-11-035-18G	6F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm	green
PSI-7F-11-035-18G	7F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm	orange
PSI-8F-11-035-18G	8F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm	blue
PSI-5F-11-038-18G	5F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm	gray
PSI-6F-11-038-18G	6F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm	green
PRO-5F-11-038-18G	5F*	11cm	0.038" (0.97mm) x 50cm	18G x 7cm	gray
PRO-6F-11-038-18G	6F*	11cm	0.038" (0.97mm) x 50cm	18G x 7cm	green

* Prelude PRO tubing



Prelude™ Sheath Introducers with Marker Tip

The Prelude™ Sheath Introducer with Marker Tip is available in 11cm (Prelude PRO™ tubing) and 23cm (standard Prelude tubing). The sheaths have a highly radiopaque marker tip allowing for increased visibility of the sheath tip using fluoroscopy. Products are available with and without double ended, stainless steel guide wire. Packaged in holster; 5 per box.

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Hub Color
PRO-4F-11-035MT	4F	11cm	0.035" (0.89mm) x 50cm	red
PRO-5F-11-035MT	5F	11cm	0.035" (0.89mm) x 50cm	gray
PRO-6F-11-035MT	6F	11cm	0.035" (0.89mm) x 50cm	green
PRO-7F-11-035MT	7F	11cm	0.035" (0.89mm) x 50cm	orange
PRO-8F-11-035MT	8F	11cm	0.035" (0.89mm) x 50cm	blue
PRO-5F-11-038MT	5F	11cm	0.038" (0.97mm) x 50cm	gray
PRO-6F-11-038MT	6F	11cm	0.038" (0.97mm) x 50cm	green
PRO-7F-11-038MT	7F	11cm	0.038" (0.97mm) x 50cm	orange
PRO-8F-11-038MT	8F	11cm	0.038" (0.97mm) x 50cm	blue
PRO-4F-11MT	4F	11cm	N/A	red
PRO-5F-11MT	5F	11cm	N/A	gray
PRO-6F-11MT	6F	11cm	N/A	green
PRO-7F-11MT	7F	11cm	N/A	orange
PRO-8F-11MT	8F	11cm	N/A	blue
PSI-4F-23-035MT	4F	23cm	0.035" (0.89mm) x 80cm	red
PSI-5F-23-035MT	5F	23cm	0.035" (0.89mm) x 80cm	gray
PSI-6F-23-035MT	6F	23cm	0.035" (0.89mm) x 80cm	green
PSI-7F-23-035MT	7F	23cm	0.035" (0.89mm) x 80cm	orange
PSI-8F-23-035MT	8F	23cm	0.035" (0.89mm) x 80cm	blue
PSI-5F-23-038MT	5F	23cm	0.038" (0.97mm) x 80cm	gray
PSI-6F-23-038MT	6F	23cm	0.038" (0.97mm) x 80cm	green
PSI-7F-23-038MT	7F	23cm	0.038" (0.97mm) x 80cm	orange
PSI-8F-23-038MT	8F	23cm	0.038" (0.97mm) x 80cm	blue
PSI-4F-23MT	4F	23cm	N/A	red
PSI-5F-23MT	5F	23cm	N/A	gray
PSI-6F-23MT	6F	23cm	N/A	green
PSI-7F-23MT	7F	23cm	N/A	orange
PSI-8F-23MT	8F	23cm	N/A	blue



Prelude™ Sheath Introducers - Mini Access Kits

The Prelude™ Sheath Introducers - Mini Access Kits provide access to the vascular system to facilitate the placement of guide wires. The sheaths are available in three lengths: 7cm, 11cm and 23cm; and are packaged in a holster with a sheath, vessel dilator, guide wire and needle. Products can be used for pediatrics, transradial, brachial and femoral access. Packaged in holster; 5 per box.

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Guide Wire Core/Tip	Needle Gauge/Tip	Hub Color
PSI-4F-7-018	4F	7cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 4cm	red
PSI-5F-7-018	5F	7cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 4cm	gray
PSI-6F-7-018	6F	7cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 4cm	green
PSI-4F-7-018NT4	4F	7cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 4cm	red
PSI-5F-7-018NT4	5F	7cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 4cm	gray
PSI-6F-7-018NT4	6F	7cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 4cm	green
PSI-4F-11-018	4F	11cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 4cm	red
PSI-5F-11-018	5F	11cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 4cm	gray
PSI-6F-11-018	6F	11cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 4cm	green
PSI-4F-11-018NT4	4F	11cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 4cm	red
PSI-5F-11-018NT4	5F	11cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 4cm	gray
PSI-6F-11-018NT4	6F	11cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 4cm	green
PRO-4F-11-018NT7*	4F	11cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 7cm	red
PRO-5F-11-018NT7*	5F	11cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 7cm	gray
PRO-6F-11-018NT7*	6F	11cm	0.018" (0.46mm) x 40cm	NT/PT	21G x 7cm	green
PSI-4F-23-018NT4	4F	23cm	0.018" (0.46mm) x 80cm	NT/PT	21G x 4cm	red
PSI-5F-23-018NT4	5F	23cm	0.018" (0.46mm) x 80cm	NT/PT	21G x 4cm	gray
PSI-6F-23-018NT4	6F	23cm	0.018" (0.46mm) x 80cm	NT/PT	21G x 4cm	green
PSI-4F-23-018NT7	4F	23cm	0.018" (0.46mm) x 80cm	NT/PT	21G x 7cm	red
PSI-5F-23-018NT7	5F	23cm	0.018" (0.46mm) x 80cm	NT/PT	21G x 7cm	gray
PSI-6F-23-018NT7	6F	23cm	0.018" (0.46mm) x 80cm	NT/PT	21G x 7cm	green

SS = Stainless Steel PT = Platinum Tip NT = Nitinol

Guide wire is stainless steel; double ended (3mmJ and floppy).

* Catalog Numbers that begin with PRO use Prelude PRO tubing

PSI-4F-7-025	4F	7cm	0.025" (0.64mm) x 50cm	-	20G x 4cm	red
PSI-5F-7-025	5F	7cm	0.025" (0.64mm) x 50cm	-	20G x 4cm	gray
PSI-6F-7-025	6F	7cm	0.025" (0.64mm) x 50cm	-	20G x 4cm	green
PSI-4F-11-025	4F	11cm	0.025" (0.64mm) x 50cm	-	20G x 4cm	red
PSI-5F-11-025	5F	11cm	0.025" (0.64mm) x 50cm	-	20G x 4cm	gray
PSI-6F-11-025	6F	11cm	0.025" (0.64mm) x 50cm	-	20G x 4cm	green

Prelude™ Short Sheath Introducers

Prelude™ Short Sheath Introducer provides access to dialysis fistulas and grafts. Can be used for declog, angioplasty and thrombolysis procedures, as well as temporary hemodialysis. Will accommodate flow rates up to 600ml/min. Includes removable stopcock. Packaged 5 per box.

Catalog Number	French Size	Length	Guide Wire Diameter/Length	Needle Gauge/Length	Hub Color
PSS-5F-4-018MT	5F	4cm	0.018" (0.46mm) x 40cm*	21G x 4cm	gray
PSS-6F-4-018MT	6F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm	green
PSS-7F-4-018MT	7F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm	orange
PSS-8F-4-018MT	8F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm	blue
PSS-5F-4-038MT	5F	4cm	0.038" (0.97mm) x 50cm**	—	gray
PSS-6F-4-038MT	6F	4cm	0.038" (0.97mm) x 50cm	—	green
PSS-7F-4-038MT	7F	4cm	0.038" (0.97mm) x 50cm	—	orange
PSS-8F-4-038MT	8F	4cm	0.038" (0.97mm) x 50cm	—	blue
PSS-5F-4MT	5F	4cm	N/A	—	gray
PSS-6F-4MT	6F	4cm	N/A	—	green
PSS-7F-4MT	7F	4cm	N/A	—	orange
PSS-8F-4MT	8F	4cm	N/A	—	blue

* 0.018" Guide wire is stainless steel with straight stainless steel flexible tip.

** 0.038" Guide wire is stainless steel; double ended (3mm J and floppy).



Valve Crossing Tools



French Size: 9F

MIS-097-00



French Size: 11F

MIS-097-01



French Size: 7F

MIS-099-00