

ONE-WALL STYLE NEEDLE

Catalog Number	Gauge	Wall Thickness	Accepts Guide Wire	Length (cm)	Length (inches)	Finish	Pictured in Catalog
AD18T51WP	18	Thin	.038" (0.97mm)	5.0cm	2"	Smooth	Page 148
AD18T71WP	18	Thin	.038" (0.97mm)	7.0cm	2 3/4"	Smooth	Page 148
AD18T71W-EP	18	Thin	.038" (0.97mm)	7.0cm	2 3/4"	Echo	Page 148
AD18T71WTP	18	Thin	.038" (0.97mm)	7.0cm	2 3/4"	Smooth	Page 148
AD18N91WP	18	Normal	.038" (0.97mm)	9.0cm	3 1/2"	Smooth	Page 148
AD18N91W-EP	18	Normal	.038" (0.97mm)	9.0cm	3 1/2"	Echo	
AD19U41WP	19	Ultra	.035" (0.89mm)	4.0cm	1 1/2"	Smooth	Page 149
AD19U41W-EP	19	Ultra	.035" (0.89mm)	4.0cm	1 1/2"	Echo	
AD19U51WP	19	Ultra	.035" (0.89mm)	5.0cm	2"	Smooth	Page 149
AD19U51W-EP	19	Ultra	.035" (0.89mm)	5.0cm	2"	Echo	
AD19U71WP	19	Ultra	.035" (0.89mm)	7.0cm	2 3/4"	Smooth	Page 149
AD19U71W-EP	19	Ultra	.035" (0.89mm)	7.0cm	2 3/4"	Echo	
AD20T41WP	20	Thin	.025" (0.64mm)	4.0cm	1 1/2"	Smooth	Page 149
AD20T41W-EP	20	Thin	.025" (0.64mm)	4.0cm	1 1/2"	Echo	
AD20T71WP	20	Thin	.025" (0.64mm)	7.0cm	2 3/4"	Smooth	Page 149
AD20T71W-EP	20	Thin	.025" (0.64mm)	7.0cm	2 3/4"	Echo	
AD21T21WP	21	Thin	.021" (0.53mm)	2.5cm	1"	Smooth	Page 150
AD21T41WP	21	Thin	.021" (0.53mm)	4.0cm	1 1/2"	Smooth	Page 150
AD21T41W-EP	21	Thin	.021" (0.53mm)	4.0cm	1 1/2"	Echo	
AD21T71WP	21	Thin	.021" (0.53mm)	7.0cm	2 3/4"	Smooth	Page 150
AD21T71W-EP	21	Thin	.021" (0.53mm)	7.0cm	2 3/4"	Echo	Page 150
AD21T91WP	21	Thin	.021" (0.53mm)	9.0cm	3 1/2"	Smooth	
AD21T91W-EP	21	Thin	.021" (0.53mm)	9.0cm	3 1/2"	Echo	Page 150
AD21T91RP	21	Thin	.021" (0.53mm)	9.0cm	3 1/2"	Smooth	Page 150
AD21T91REP	21	Thin	.021" (0.53mm)	9.0cm	3 1/2"	Echo	Page 150

ONE-WALL NEEDLE WITH SELDINGER SHIELD

AD18T51WSP	18	Thin	.038" (0.97mm)	5.0cm	2"	Smooth	Page 148
AD18T71WSP	18	Thin	.038" (0.97mm)	7.0cm	2 3/4"	Smooth	Page 148
AD19U71WSP	19	Ultra	.035" (0.89mm)	7.0cm	2 3/4"	Smooth	Page 149

ONE-WALL NEEDLE WITH COURNAND SHIELD

AD18T71WCP	18	Thin	.038" (0.97mm)	7.0cm	2 3/4"	Smooth	Page 148
AD19U41WCP	19	Ultra	.035" (0.89mm)	4.0cm	1 1/2"	Smooth	Page 149
AD19U71WCP	19	Ultra	.035" (0.89mm)	7.0cm	2 3/4"	Smooth	Page 149
AD21T41WCP	21	Thin	.021" (0.53mm)	4.0cm	1 1/2"	Smooth	Page 150

18 Gauge Merit Advance® Angiographic Needles

Hub: Polycarbonate
Cannula/Obturator: Stainless Steel



18 Gauge Needle,
Thin Wall, 5.1cm Length

AD18T51WP



18 Gauge Needle,
Thin Wall, 7.0cm Length

AD18T71WP



18 Gauge Needle,
Thin Wall, 7.0cm Length
Echo Enhanced

AD18T71W-EP



18 Gauge Needle,
Thin Wall, 7.0cm Length
*Transparent Hub

AD18T71WTP



18 Gauge Needle,
Normal Wall,
9.0cm Length

AD18N91WP



18 Gauge Needle,
Thin Wall, 5.0cm Length
with Seldinger Shield

AD18T51WSP



18 Gauge Needle,
Thin Wall, 7.0cm Length
with Courmand Shield

AD18T71WCP



18 Gauge Needle,
Thin Wall, 7.0cm Length
with Seldinger Shield

AD18T71WSP

PERCUTANEOUS
ACCESS

19 Gauge Merit Advance® Angiographic Needles

Hub: Polycarbonate
Cannula/Obturator: Stainless Steel



19 Gauge Needle,
Ultra Thin Wall,
4.0cm Length with
Courmand Shield

AD19U41WCP



19 Gauge Needle,
Ultra Thin Wall,
4.0cm Length

AD19U41WP



19 Gauge Needle,
Ultra Thin Wall,
5.1cm Length

AD19U51WP



19 Gauge Needle,
Thin Wall,
5.0cm Length with
Seldinger Shield

AD19U71WSP



19 Gauge Needle,
Ultra Thin Wall,
7.0cm Length with
Courmand Shield

AD19U71WCP



19 Gauge Needle,
Ultra Thin Wall,
7.0cm Length

AD19U71WP

20 Gauge Merit Advance® Angiographic Needles

Hub: Polycarbonate
Cannula/Obturator: Stainless Steel



20 Gauge Needle,
Thin Wall,
4.0cm Length

AD20T41WP



20 Gauge Needle,
Thin Wall,
7.0cm Length

AD20T71WP

PERCUTANEOUS
ACCESS

21 Gauge Merit Advance® Angiographic Needles

Hub: Polycarbonate
Cannula/Obturator: Stainless Steel



21 Gauge, Thin Wall,
2.5cm Length

AD21T21WP

21 Gauge, Thin Wall,
4.0cm Length

AD21T41WCP

21 Gauge, Thin Wall,
4.0cm Length

AD21T41WP

21 Gauge, Thin Wall,
7.0cm Length

AD21T71WP

21 Gauge, Thin Wall,
7.0cm Length Echo Tip

AD21T71W-EP



21 Gauge, Thin Wall,
9.0cm Length Echo Tip

AD21T91W-EP

21 Gauge Curved Needle,
9.0cm Length

AD21T91RP

21 Gauge Curved Needle,
9.0cm Length with Echo Tip
Echo Enhanced Coaxial

AD21T91REP

21 Gauge Curved Needle,
9.0cm Length with Echo Tip

AD21T91RE

PERCUTANEOUS
ACCESS

22 Gauge Merit Advance® Angiographic Needles

Hub: Polycarbonate
Cannula/Obturator: Stainless Steel



22 Gauge, Thin Wall,
6.0cm Length, One-Wall

AD22T61WP

SecureLoc™ Angiographic Needles

Hub: Polycarbonate
Cannula/Obturator: Stainless Steel



18 Gauge, 7.0cm Length,
With out Wings,
Guide wire .038"

SL18T71WP



18 Gauge, 7.0cm Length,
With Wings,
Guide wire .038"

SL18T71WSP



21 Gauge, 7.0cm Length,
With out Wings,
Guide wire .021"

SL21T71WP



21 Gauge, 7.0cm Length,
With Wings,
Guide wire .021"

SL21T71WSP