

SUBMARINE RAPIDO

REC 10299



Technical Specifications

Balloon Material	Flexitec LP™
Radiopaque markers	Two swaged "zero profile" Platinum Iridium
Coating	Distal shaft and balloon - LFC Hydrophilic Proximal shaft - PTFE
Shaft diameter	3.0F (1.00 mm) - 3.5F (1.16 mm) Distal 2.3F (0.76 mm) Proximal
Max. recom. Guidewire	0.018" (0.46 mm)
Nominal Pressure	7 bar

1 French (F) = 0.333 mm · 1 Inch (I) = 25.4 mm · 1 bar = 100000 Pascal = 0.987 atm = 14.504 psi

Ref. N°	Balloon-Ø (mm)	Balloon length (mm)	RBP (bar)	Usable shaft length (cm)	Guiding catheter compatibility (F)	Distal shaft Ø (F)
SBR 020 020 135	2.00	20	17	135	6	3.0
SBR 020 040 135	2.00	40	17	135	6	3.0
SBR 020 060 135	2.00	60	15	135	6	3.0
SBR 025 020 135	2.50	20	17	135	6	3.0
SBR 025 040 135	2.50	40	17	135	6	3.0
SBR 025 060 135	2.50	60	15	135	6	3.0
SBR 030 020 135	3.00	20	17	135	6	3.0
SBR 030 040 135	3.00	40	17	135	6	3.0
SBR 030 060 135	3.00	60	15	135	6	3.0
SBR 030 080 135	3.00	80	15	135	6	3.0
SBR 035 020 135	3.50	20	17	135	6	3.5
SBR 035 030 135	3.50	30	17	135	6	3.5
SBR 040 020 135	4.00	20	17	135	6	3.5
SBR 040 030 135	4.00	30	17	135	6	3.5
SBR 040 040 135	4.00	40	17	135	6	3.5
SBR 045 020 135	4.50	20	17	135	6	3.5
SBR 045 040 135	4.50	40	17	135	6	3.5
SBR 050 020 075	5.00	20	16	75	6	3.5
SBR 050 020 135	5.00	20	16	135	6	3.5
SBR 050 030 075	5.00	30	16	75	6	3.5
SBR 050 030 135	5.00	30	16	135	6	3.5
SBR 050 040 075	5.00	40	16	75	6	3.5
SBR 050 040 135	5.00	40	16	135	6	3.5
SBR 055 020 075	5.50	20	16	75	6	3.5
SBR 055 020 135	5.50	20	16	135	6	3.5
SBR 055 030 075	5.50	30	16	75	6	3.5
SBR 055 030 135	5.50	30	16	135	6	3.5
SBR 055 040 075	5.50	40	16	75	6	3.5
SBR 055 040 135	5.50	40	16	135	6	3.5
SBR 060 020 075	6.00	20	16	75	6	3.5
SBR 060 020 135	6.00	20	16	135	6	3.5
SBR 060 030 075	6.00	30	16	75	6	3.5
SBR 060 030 135	6.00	30	16	135	6	3.5
SBR 060 040 075	6.00	40	16	75	6	3.5
SBR 060 040 135	6.00	40	16	135	6	3.5
SBR 065 020 075	6.50	20	16	75	7	3.5
SBR 065 020 135	6.50	20	16	135	7	3.5
SBR 065 030 075	6.50	30	16	75	7	3.5
SBR 065 030 135	6.50	30	16	135	7	3.5
SBR 065 040 075	6.50	40	16	75	7	3.5
SBR 065 040 135	6.50	40	16	135	7	3.5
SBR 070 020 135	7.00	20	16	135	7	3.5
SBR 070 030 135	7.00	30	16	135	7	3.5
SBR 070 040 135	7.00	40	16	135	7	3.5

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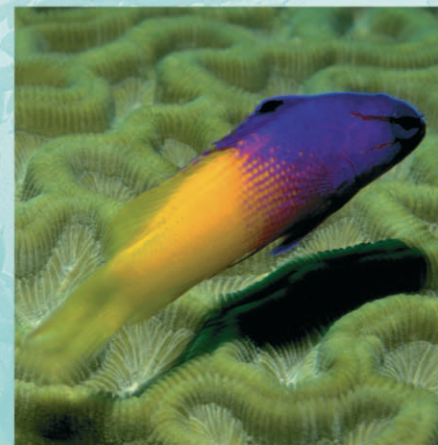
Global Sales & Marketing Office:
Invatec Technology Center GmbH - Hungerbühlstrasse 12 - 8500 Frauenfeld - Switzerland
Manufacturer & Global Headquarter:
Invatec S.p.A. - Via Martiri della Libertà, 7 - 25030 Roncadelle (BS) - Italy
www.invatec.com - info@invatec.com

Under continuous product development program, Invatec reserves the right to modify specifications without prior notice.

CE 0124

ISO 9001:2000 & EN ISO 13485:2003 Certified

SUBMARINE RAPIDO



PTA Balloon Catheter

RX 0.018"

We make ideas come alive

INVATEC
Innovative Technologies

SUBMARINE RAPIDO

Dedicated to
Carotid Artery Treatment

PTA Balloon Catheter
RX 0.018"

For delicate
high performance PTA

Ultra Low Profile

- Compatible with 4F introducer sheath/6F guiding catheter.*
- Swaged "zero profile" markers and Special tri-folding balloon technology enable easy penetration of the target lesion and minimize the post-dilatation profile.



- 0.021" tip entry profile for perfect crossability of subocclusive lesions.

High Flexibility and Strength

- INVATEC's proprietary FLEXITEC LP™ material Increases RBP up to 17 bar while maintaining nominal pressure of 7 bar.
- Controlled low balloon compliance for exact sizing and reliable balloon performance.

*Up to 6 mm balloon diameters

Compliance Chart (Balloon length 20, 30, 40 mm)

Pressure (bar)	Balloon Diameter (mm)										
	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
4	1.90	2.36	2.70	3.33	3.74	4.19	4.60	5.20	5.62	6.00	6.55
5	1.95	2.41	2.76	3.40	3.83	4.30	4.73	5.32	5.79	6.22	6.73
6	1.98	2.47	2.89	3.46	3.91	4.41	4.86	5.42	5.91	6.40	6.85
7	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
8	2.03	2.56	3.06	3.56	4.05	4.56	5.08	5.64	6.11	6.57	7.04
9	2.05	2.60	3.09	3.60	4.10	4.62	5.17	5.70	6.20	6.61	7.11
10	2.08	2.64	3.11	3.64	4.15	4.67	5.22	5.74	6.26	6.66	7.17
11	2.10	2.67	3.15	3.68	4.20	4.72	5.28	5.78	6.32	6.72	7.23
12	2.13	2.70	3.19	3.71	4.25	4.77	5.33	5.83	6.38	6.77	7.28
13	2.15	2.73	3.24	3.74	4.29	4.81	5.38	5.88	6.43	6.84	7.34
14	2.17	2.75	3.28	3.78	4.33	4.85	5.44	5.93	6.49	6.92	7.39
15	2.19	2.78	3.33	3.81	4.37	4.88	5.49	5.98	6.55	6.97	7.45
16	2.21	2.81	3.38	3.84	4.41	4.92	5.55	6.03	6.61	7.02	7.50
17	2.23	2.84	3.42	3.89	4.45	4.97					

■ Nominal Pressure
■ RBP

Compliance Chart
(Balloon length 60, 80 mm)

Pressure (bar)	Balloon Diameter (mm)		
	2.00	2.50	3.00
4	1.90	2.36	2.70
5	1.95	2.41	2.76
6	1.98	2.47	2.89
7	2.00	2.50	3.00
8	2.03	2.56	3.06
9	2.05	2.60	3.09
10	2.08	2.64	3.11
11	2.10	2.67	3.15
12	2.13	2.70	3.19
13	2.15	2.73	3.24
14	2.17	2.75	3.28
15	2.19	2.78	3.33

Unique Shaft Design

- Multi-feature shaft design combines high pushability at the proximal end and stepless transition to an atraumatic flexibility at the distal part.
- Hydrophilic coating of the balloon and the distal 23 cm shaft, combined with PTFE coating of the proximal shaft allow for a swift and easy navigation.

Wide Size Mix

- Unique wide range of balloon lengths and diameters (from 2 to 7mm) allow for use in procedures from standard peripheral dilatations up to Renal and Carotid interventions – wherever delicate performance is needed.

