

Technical specifications



| | |
|----------------------------|---|
| Catheter design | Rapid Exchange (RX) |
| Balloon material | FLEXITEC™ HF |
| Balloon coating | LFC hydrophilic coating |
| Balloon marker | 1 or 2 swaged (zero profile) Platinum Iridium |
| Shaft diameter | distal 2.5F proximal 2.0F |
| Usable shaft length | 145 cm |
| Max. recommended guidewire | 0.014" (0.36 mm) |

1 French (F) = 0.333 mm – 1 inch (") = 25.4 mm = 2.54 cm – 1 cm = 10 mm

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

Order information

| Ref N°. | Balloon diameter (mm) | Balloon length (mm) | OTW / RX | Usable catheter length (cm) | N° of markers |
|-----------------|-----------------------|---------------------|----------|-----------------------------|---------------|
| FLC 015 010 B11 | 1.50 | 10 | RX | 145 | 1 |
| FLC 015 010 B12 | 1.50 | 10 | RX | 145 | 2 |
| FLC 015 014 B11 | 1.50 | 14 | RX | 145 | 1 |
| FLC 015 014 B12 | 1.50 | 14 | RX | 145 | 2 |
| FLC 015 020 B11 | 1.50 | 20 | RX | 145 | 1 |
| FLC 015 020 B12 | 1.50 | 20 | RX | 145 | 2 |
| FLC 020 010 B11 | 2.00 | 10 | RX | 145 | 1 |
| FLC 020 010 B12 | 2.00 | 10 | RX | 145 | 2 |
| FLC 020 014 B12 | 2.00 | 14 | RX | 145 | 2 |
| FLC 020 020 B12 | 2.00 | 20 | RX | 145 | 2 |
| FLC 020 030 B12 | 2.00 | 30 | RX | 145 | 2 |
| FLC 022 010 B11 | 2.25 | 10 | RX | 145 | 1 |
| FLC 022 014 B12 | 2.25 | 14 | RX | 145 | 2 |
| FLC 022 020 B12 | 2.25 | 20 | RX | 145 | 2 |
| FLC 022 030 B12 | 2.25 | 30 | RX | 145 | 2 |
| FLC 025 010 B11 | 2.50 | 10 | RX | 145 | 1 |
| FLC 025 010 B12 | 2.50 | 10 | RX | 145 | 2 |
| FLC 025 014 B12 | 2.50 | 14 | RX | 145 | 2 |
| FLC 025 020 B12 | 2.50 | 20 | RX | 145 | 2 |
| FLC 025 030 B12 | 2.50 | 30 | RX | 145 | 2 |
| FLC 025 040 B12 | 2.50 | 40 | RX | 145 | 2 |
| FLC 027 014 B12 | 2.75 | 14 | RX | 145 | 2 |
| FLC 027 020 B12 | 2.75 | 20 | RX | 145 | 2 |
| FLC 027 030 B12 | 2.75 | 30 | RX | 145 | 2 |
| FLC 030 010 B11 | 3.00 | 10 | RX | 145 | 1 |
| FLC 030 010 B12 | 3.00 | 10 | RX | 145 | 2 |
| FLC 030 014 B12 | 3.00 | 14 | RX | 145 | 2 |
| FLC 030 020 B12 | 3.00 | 20 | RX | 145 | 2 |
| FLC 030 030 B12 | 3.00 | 30 | RX | 145 | 2 |
| FLC 030 040 B12 | 3.00 | 40 | RX | 145 | 2 |
| FLC 032 014 B12 | 3.25 | 14 | RX | 145 | 2 |
| FLC 032 020 B12 | 3.25 | 20 | RX | 145 | 2 |
| FLC 032 030 B12 | 3.25 | 30 | RX | 145 | 2 |
| FLC 035 010 B11 | 3.50 | 10 | RX | 145 | 1 |
| FLC 035 010 B12 | 3.50 | 10 | RX | 145 | 2 |
| FLC 035 014 B12 | 3.50 | 14 | RX | 145 | 2 |
| FLC 035 020 B12 | 3.50 | 20 | RX | 145 | 2 |
| FLC 035 030 B12 | 3.50 | 30 | RX | 145 | 2 |
| FLC 035 040 B12 | 3.50 | 40 | RX | 145 | 2 |

| Ref N°. | Balloon diameter (mm) | Balloon length (mm) | OTW / RX | Usable catheter length (cm) | N° of markers |
|-----------------|-----------------------|---------------------|----------|-----------------------------|---------------|
| FLC 037 014 B12 | 3.75 | 14 | RX | 145 | 2 |
| FLC 037 020 B12 | 3.75 | 20 | RX | 145 | 2 |
| FLC 037 030 B12 | 3.75 | 30 | RX | 145 | 2 |
| FLC 040 010 B11 | 4.00 | 10 | RX | 145 | 1 |
| FLC 040 010 B12 | 4.00 | 10 | RX | 145 | 2 |
| FLC 040 014 B12 | 4.00 | 14 | RX | 145 | 2 |
| FLC 040 020 B12 | 4.00 | 20 | RX | 145 | 2 |
| FLC 040 030 B12 | 4.00 | 30 | RX | 145 | 2 |
| FLC 040 040 B12 | 4.00 | 40 | RX | 145 | 2 |

Compliance Chart

| Pressure (bar) | Balloon diameter | | | | | | | | | |
|----------------|------------------|------|------|------|------|------|------|------|------|------|
| | 1.50 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 |
| 5 | | 1.90 | 2.15 | 2.40 | 2.65 | 2.90 | 3.15 | 3.40 | 3.65 | 3.90 |
| 6 | | 1.95 | 2.20 | 2.45 | 2.70 | 2.95 | 3.20 | 3.45 | 3.70 | 3.95 |
| 7(nominal) | 1.50 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 |
| 8 | 1.52 | 2.02 | 2.27 | 2.52 | 2.78 | 3.03 | 3.28 | 3.54 | 3.80 | 4.05 |
| 9 | 1.54 | 2.04 | 2.29 | 2.54 | 2.82 | 3.07 | 3.32 | 3.58 | 3.85 | 4.10 |
| 10 | 1.56 | 2.06 | 2.31 | 2.57 | 2.86 | 3.11 | 3.36 | 3.62 | 3.90 | 4.15 |
| 11 | 1.58 | 2.08 | 2.34 | 2.60 | 2.90 | 3.15 | 3.40 | 3.66 | 3.95 | 4.20 |
| 12 | 1.60 | 2.11 | 2.37 | 2.63 | 2.94 | 3.19 | 3.45 | 3.70 | 4.00 | 4.25 |
| 13 | 1.61 | 2.14 | 2.40 | 2.67 | 2.98 | 3.23 | 3.50 | 3.75 | 4.05 | 4.30 |
| 14 | 1.63 | 2.17 | 2.43 | 2.71 | 3.02 | 3.27 | 3.55 | 3.80 | 4.10 | 4.35 |
| 15 | 1.65 | 2.20 | 2.46 | 2.75 | 3.06 | 3.31 | 3.60 | 3.85 | 4.15 | 4.40 |
| 16 | | 2.23 | 2.50 | 2.80 | | | | | | |
| 17 | | 2.26 | | | | | | | | |

in vitro results do not exceed RBP

PTCA balloon catheter



The world's most versatile PTCA balloon - feel the difference



Distributor

Manufacturer



Global Sales & Marketing Office
Invatec Technology Center GmbH
Hungerbühlstrasse 12
8500 Frauenfeld - Switzerland



ISO 9001:2000 & EN ISO 13485:2003 Certified

Manufacturer & Global Headquarters
Invatec S.p.A. - Via Martiri della Libertà, 7
25030 Roncadelle (BS) - Italy
www.invatec.com - info@invatec.com

Sales Italy
Invatec Italia s.r.l.
Via Oriano Fallaci 38
25030 Castel Mella (BS)
Italy

Sales Switzerland
Invatec Innovative Technologies AG
Hungerbühlstrasse 12a
8500 Frauenfeld
Switzerland

Sales USA
Invatec Inc
3101 Emrick Blvd, Suite #113
Bethlehem, PA 18020
USA

Sales Japan
Invatec Japan K.K.
Shinjuku Island Tower 5th fl.
6-5-1 Nishi-shinjuku
Shinjuku-ku Tokyo 163-1305
Japan

Sales China
Invatec Beijing Representative
Office Room 1901, Tower A
Beijing Global Trade Center
No. 36 East Road, Beisanhuan
Dongcheng District, Beijing
China

Sales Taiwan
Invatec Taiwan No. 141 6F-4 Sec. 1
Kee Lung Road R.O.C.,
Taipei
Taiwan

INVATEC
Innovative Technologies

We make ideas come alive

FALCON BRAVO

PTCA balloon catheter

Falcon performance the solution for de novo lesions

"Sensor tip" design
Flexitec™ HF balloon material
"Bikini" coating
Tack-welded inner tube
Proprietary shaft

"Sensor tip" design

- enhances tactile feel
- slides into lesion for smooth crossing

Flexitec™ HF balloon material

- Robust ultra-low profile balloon performance
- High flexibility without compromising RBP
- Balancing optimal compliance with high pressure capability

"Bikini" coating

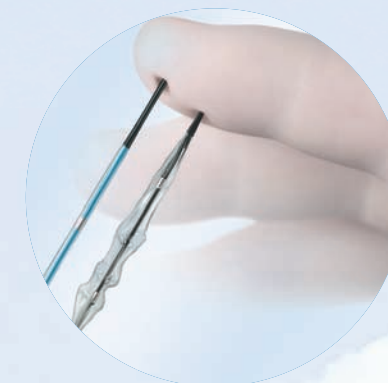
- The shaft and balloon cones are selectively coated to enhance crossability
- The body of the balloon remains uncoated for stable positioning

Tack-welded inner tube

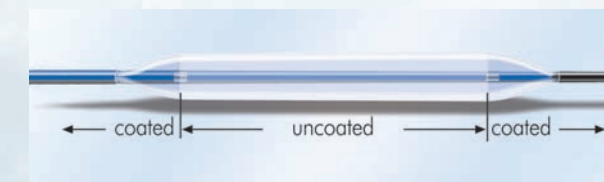
Shaft maintains structural integrity during multiple passes

Proprietary shaft

- Designed for maximum trackability and pushability
- Efficient transmission of energy
- Designed specifically for de novo lesions



Falcon Bravo: No accordion effects while crossing and re-crossing



"Bikini" coating