



BioNIC™
CORONARY MICROCATHETER

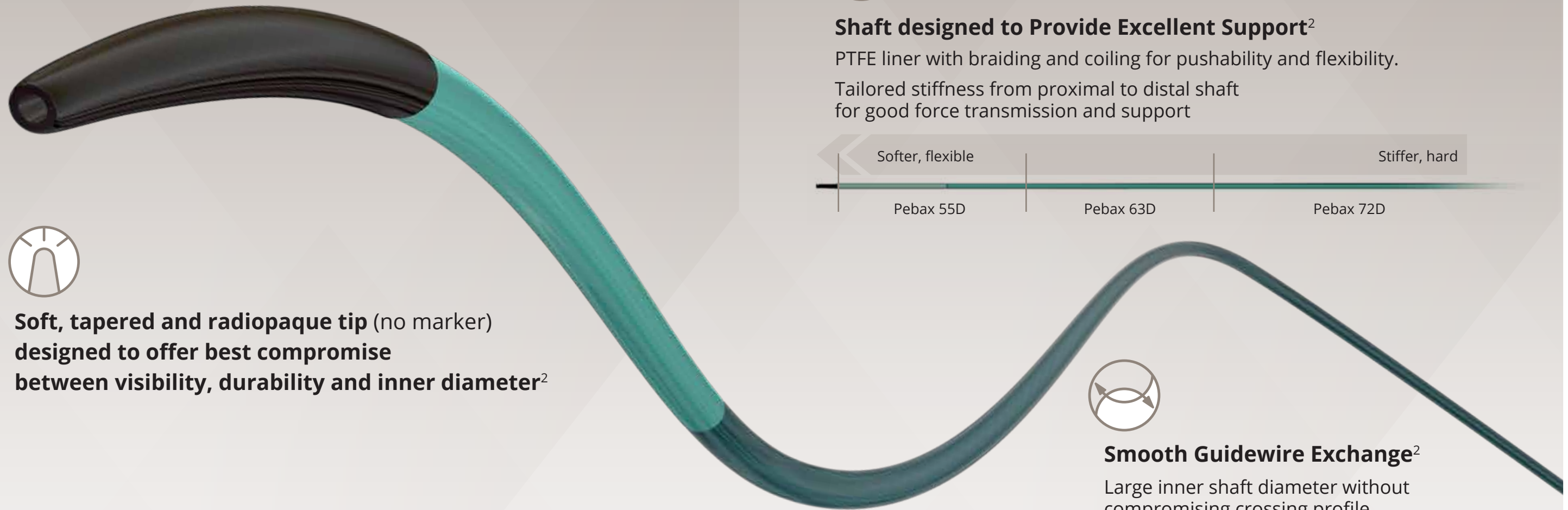
**MASTER
THE CHALLENGE**

**CLINICALLY
PROVEN
MICROCATHETER¹**



BIOSENSORS
INTERNATIONAL™

Enhanced Performance

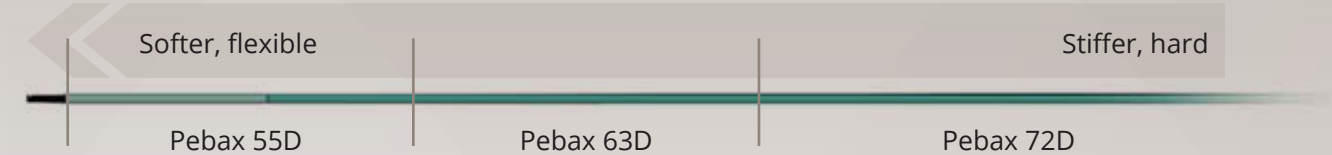


Soft, tapered and radiopaque tip (no marker)
designed to offer best compromise
between visibility, durability and inner diameter²



Shaft designed to Provide Excellent Support²

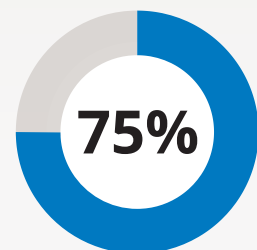
PTFE liner with braiding and coiling for pushability and flexibility.
Tailored stiffness from proximal to distal shaft
for good force transmission and support



Smooth Guidewire Exchange²

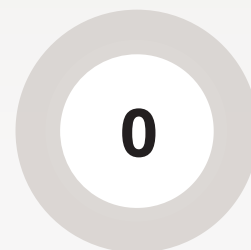
Large inner shaft diameter without
compromising crossing profile
Low friction PTFE liner for smooth
guidewire exchange

Clinically Proven¹



Successful placement
of guidewire across CTO
with BioMC only

BIOMICS
STUDY

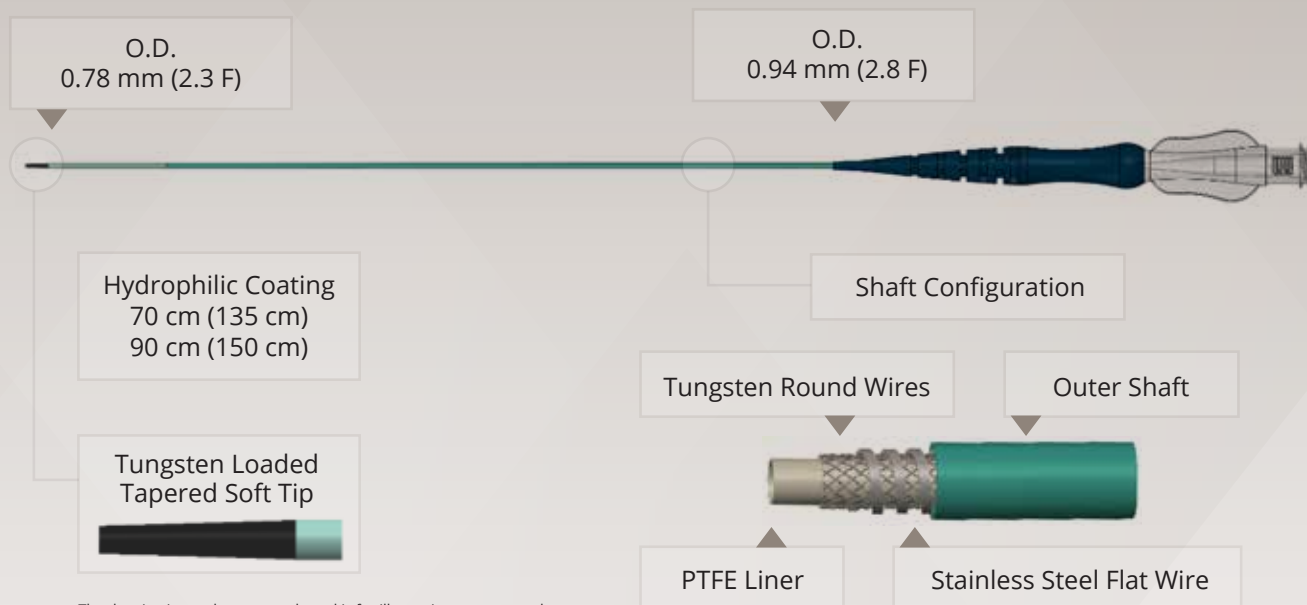


no study device-related
coronary perforations
or device failures

Catheter design	Over The Wire
Catheter working length	135 cm, 150 cm
Tip material	Tungsten loaded Pebax (no marker) / 5 mm long
Lesion entry profile	0.022" / 0.55 mm
Tip inner diameter	0.016" / 0.41 mm
Shaft construction	Stainless steel flat wire coil with 16 round tungsten wires braid
Rotation	Maximum of 15 continuous rotations allowable, regardless of direction of rotation
Guiding catheter compatibility	5F for all models
Guide wire compatibility	0.014" / 0.36 mm

BioMC™

CORONARY MICROCATHETER



The drawing is not drawn to scale and is for illustrative purposes only.

Catalog#	Outer Diameter			Inner Diameter		Usable Length	Hydrophilic Coating Length
	Tip	Distal Shaft	Proximal Shaft	Tip	Shaft		
MC1-135	0.022" 0.55 mm	2.3 F 0.031" 0.78 mm	2.8 F 0.037" 0.94 mm	0.016" 0.41 mm	0.018" 0.46 mm	135 cm	70 cm
MC1-150	0.022" 0.55 mm	2.3 F 0.031" 0.78 mm	2.8 F 0.037" 0.94 mm	0.016" 0.41 mm	0.018" 0.46 mm	150 cm	90 cm

1. Sidik N. et al, Safety and Effectiveness of a Novel Microcatheter in Coronary Chronic Total Occlusions—The BIOMICS Study. JSCAI Volume 3, Issue 7, 102017, July 2024
2. Data on file at Biosensors International Group, Ltd.

BioMC is a trademark or registered trademark of Biosensors International Group, Ltd.

CAUTION: The law restricts these devices to sale by or on the order of a physician and these products are intended for the use by or under the direction of a physician. Please check the IFU and the product labelling supplied with each device for indications, contraindications, warnings, precautions, potential adverse events. For further information, contact your local representative.

BioMC is not available in the United States and any other country where applicable health authority product registration has not been obtained. Information contained herein only for presentation outside the US and France.

© 2025 Biosensors International Group, Ltd. All rights reserved. 12694-000-EN – Rev.04

Printed on sustainable FSC® paper source.

www.biosensors.com

CE
0344

BIOSENSORS
INTERNATIONAL™

BIOSENSORS EUROPE SA

Rue de Lausanne 29
1110 Morges
Switzerland
Tel: +41 (0)21 804 80 00
Fax: +41 (0)21 804 80 01

BIOSENSORS INTERVENTIONAL TECHNOLOGIES PTE LTD

36 Jalan Tukang
Singapore 619266
Tel: +65 6213 5777
Fax: +65 6213 5737