

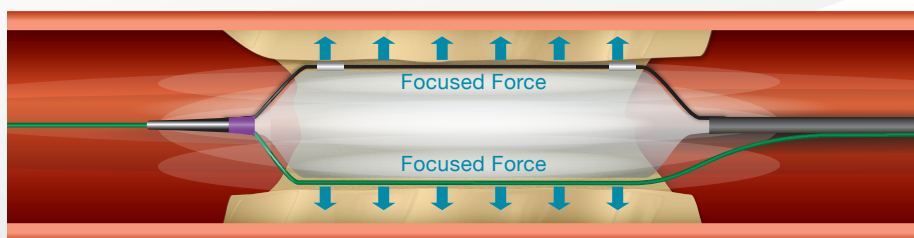
# scoreflex<sup>®</sup>

Coronary Dilatation Catheter



Focused Force Angioplasty for  
**Non-compliant Lesion Preparation**

## Focused Force Angioplasty for **Safe and Controlled Dilatation**



Scoreflex NC is a focused force dilatation balloon with a dual-wire system which creates a focal stress pattern to facilitate safe and controlled plaque modification at lower resolution pressure

Scoreflex NC

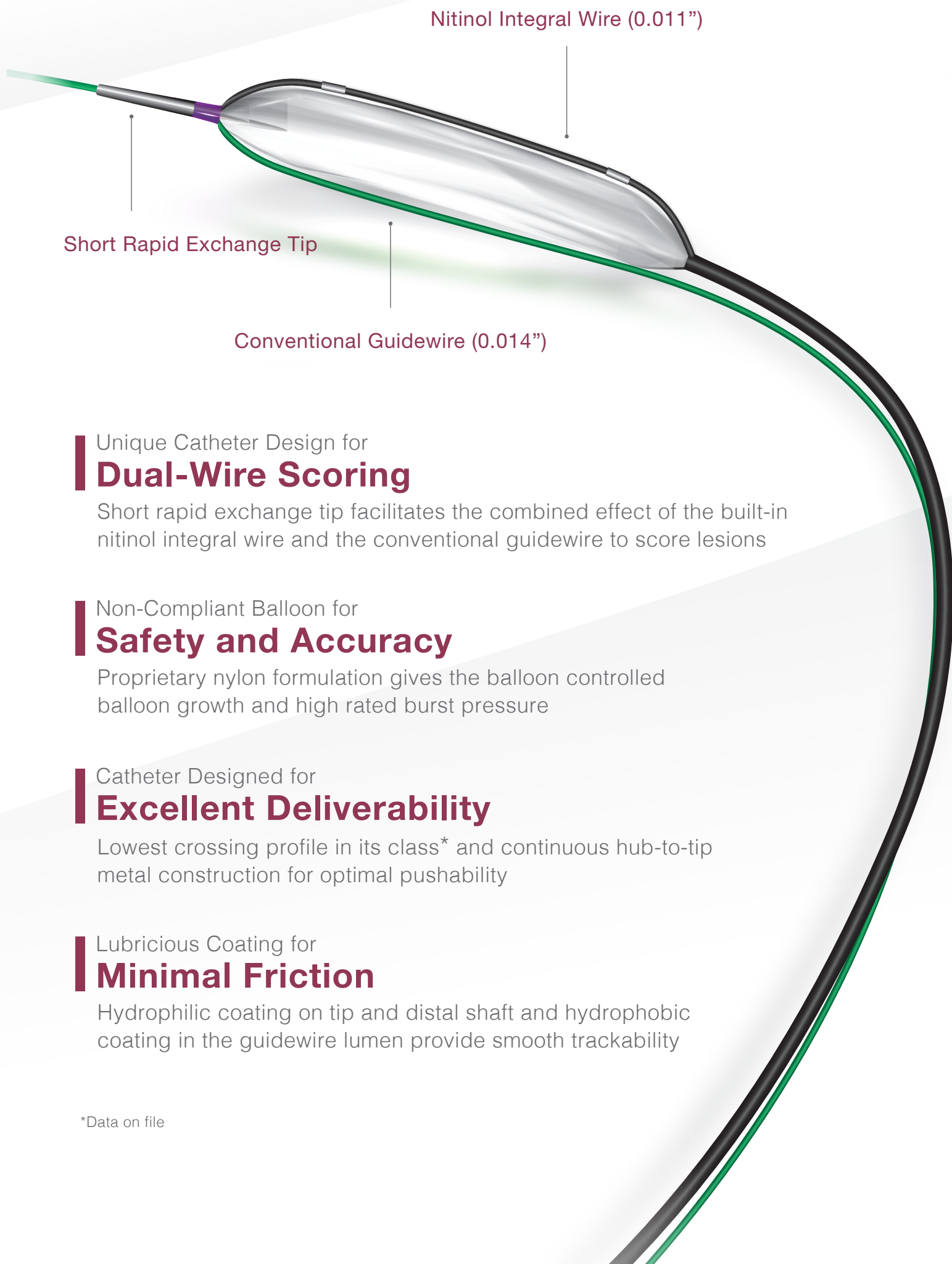
## **Recommended Applications**

### **Coronary Applications**

- Lesion preparation for stents, scaffolds, drug-coated balloons
- Calcified and fibrotic lesions
- Ostial lesions
- Bifurcation lesions
- Long diffused lesions
- Small lesions without need of stenting
- In-stent restenosis

## **Technical Specifications**

<b>Scoreflex NC</b>	
Proximal Shaft Diameter	2.1F
Distal Shaft Diameter	2.7F
Leading Tip Length	11 mm
Balloon Material	Nylon
Balloon Folds	3
Compliance	Non-compliant
Crossing Profile (Ø 3.0 mm)	0.0343"
Marker Bands	2
Scoring Elements	0.011" integral wire; 0.014" conventional guidewire
Coating	Hydrophilic (tip & distal shaft), Hydrophobic (guidewire lumen & balloon)
Nominal Pressure	12 atm
Rated Burst Pressure	20 atm
Guidewire Compatibility	0.014"
Guiding Catheter Compatibility	5F (Ø 1.75 mm – 3.5 mm) 6F (Ø 4.0 mm)



Nitinol Integral Wire (0.011")

Short Rapid Exchange Tip

Conventional Guidewire (0.014")

Unique Catheter Design for

## **Dual-Wire Scoring**

Short rapid exchange tip facilitates the combined effect of the built-in nitinol integral wire and the conventional guidewire to score lesions

Non-Compliant Balloon for

## **Safety and Accuracy**

Proprietary nylon formulation gives the balloon controlled balloon growth and high rated burst pressure

Catheter Designed for

## **Excellent Deliverability**

Lowest crossing profile in its class\* and continuous hub-to-tip metal construction for optimal pushability

Lubricious Coating for

## **Minimal Friction**

Hydrophilic coating on tip and distal shaft and hydrophobic coating in the guidewire lumen provide smooth trackability

\*Data on file

## Ordering Information

### NL Manufacturing Catalogue Numbers

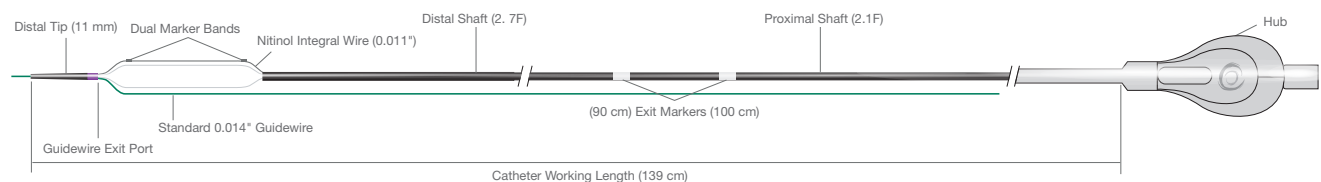
Balloon Diameter (mm)	Balloon Working Length (mm)		
	10	15	20
1.75	617-104-1	617-154-1	617-204-1
2.00	620-104-1	620-154-1	620-204-1
2.25	622-104-1	622-154-1	622-204-1
2.50	625-104-1	625-154-1	625-204-1
2.75	627-104-1	627-154-1	627-204-1
3.00	630-104-1	630-154-1	630-204-1
3.50	635-104-1	635-154-1	635-204-1
4.00	640-104-1	640-154-1	640-204-1

## Compliance Chart

Pressure (atm)	Balloon Diameter (mm)							
	1.75	2.0	2.25	2.5	2.75	3.0	3.5	4.0
2	1.64	1.87	2.13	2.35	2.55	2.79	3.20	3.67
4	1.66	1.90	2.15	2.38	2.59	2.83	3.26	3.74
6	1.68	1.92	2.18	2.41	2.63	2.87	3.32	3.80
8	1.71	1.95	2.20	2.44	2.67	2.92	3.38	3.87
10	1.73	1.97	2.23	2.47	2.71	2.96	3.44	3.93
<b>12 NOM*</b>	<b>1.75</b>	<b>2.00</b>	<b>2.25</b>	<b>2.50</b>	<b>2.75</b>	<b>3.00</b>	<b>3.50</b>	<b>4.00</b>
14	1.77	2.03	2.27	2.53	2.79	3.04	3.56	4.07
16	1.79	2.05	2.30	2.56	2.83	3.08	3.62	4.13
18	1.82	2.08	2.32	2.59	2.87	3.13	3.68	4.20
<b>20 RBP**</b>	<b>1.84</b>	<b>2.10</b>	<b>2.35</b>	<b>2.62</b>	<b>2.91</b>	<b>3.17</b>	<b>3.74</b>	<b>4.26</b>
22	1.86	2.13	2.37	2.65	2.95	3.21	3.80	4.33
24	1.88	2.15	2.40	2.68	2.99	3.25	3.86	4.39
26	1.90	2.18	2.42	2.71	3.03	3.29	3.92	4.46

\* Nominal Pressure. The nominal in vitro device specifications do not take into account any lesion resistance.

\*\* Rated Burst Pressure. Do not exceed RBP



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The Scoreflex NC product is now approved in the USA and distributed with USA specific catalog numbers.

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