# EMBOLIZATION
# POCKET GUIDE

**TERUMO**
INTERVENTIONAL SYSTEMS

## AZUR™ EMBOLIZATION SYSTEM SPECIFICATION INFORMATION

| | | |
|---|---|---|
| AZUR Framing Coil .018": | Diameters: 8 mm – 20 mm | Lengths: 20 cm – 50 cm |
| AZUR Framing Coil .035": | Diameters: 8 mm – 20 mm | Lengths: 20 cm – 50 cm |
| HydroCoil .018": | Diameters: 2 mm – 20 mm | Lengths: 2 cm – 30 cm |
| HydroCoil .035": | Diameters: 4 mm – 20 mm | Lengths: 5 cm – 30 cm |
| CX .018": | Diameters: 2 mm – 20 mm | Lengths: 2 cm – 40 cm |
| CX .035": | Diameters: 4 mm – 20 mm | Lengths: 7 cm – 39 cm |
| HydroPack .018": | Diameter: N/A | Lengths: 5 cm – 60 cm |
| Pushable .035": | Diameters: 4 mm – 16 mm | Lengths: 4 cm – 20 cm |
| Pushable .018": | Diameters: 2 mm – 10 mm | Lengths: 2 cm – 20 cm |

## AZUR™ COIL OUTER DIAMETER (OD)

| SYSTEM COMPATIBILITY | | OUTER DIAMETER |
|---|---|---|
| **DETACHABLE** | **HydroCoil .018"** | 0.014" → 0.034" (Fully Expanded) |
| | **HydroCoil .035"** | 0.024" → 0.048" (Fully Expanded) |
| | **CX .018"** | 0.014" → 0.015" (Fully Expanded) |
| | **CX .035"** | 0.029" → 0.029" (Fully Expanded) |
| | **HydroPack .018"** | 0.018" → 0.018" (Fully Expanded) |
| | **Framing Coil .018"** | 0.014" (8-10 mm), 0.015" (14-20 mm) |
| | **Framing Coil .035"** | 0.022" |
| **PUSHABLE** | **HydroCoil .018"** | 0.014" → 0.034" (Fully Expanded) |
| | **HydroCoil .035"** | 0.024" → 0.048" (Fully Expanded) |

## CATHETER COMPATIBILITY

| COIL TYPE | ID INCHES | ID MILLIMETERS | REPOSITIONING TIME |
|---|---|---|---|
| **HydroCoil .018"** | Minimum .021 | Minimum .53 | 3 Minutes |
| **HydroCoil .035"** | Minimum .038 | Minimum .97 | 3 Minutes |
| **CX .018"** | .019 – .027 | .48 – .69 | 30 Minutes |
| **CX .035"** | .041 – .047 | 1.04 – 1.19 | 20 Minutes |
| **HydroPack .018"** | .021 – .027 | .53 – .69 | 10 Minutes |
| **Framing Coil .018"** | Minimum .021 | Minimum .53 | No Restrictions |
| **Framing Coil .035"** | Minimum .038 | Minimum .97 | No Restrictions |

– GLIDECATH® Hydrophilic Coated Catheter 5Fr is not recommended to deliver AZUR™ directly because it does not have a nylon-rich inner layer.

– When deploying coils longer than 30cm, use a GLIDECATH that is 100cm or longer for better support.

## HYDROPEARL™ CATHETER COMPATIBILITY

| MICROSPHERE SIZE | CATHETER |
|---|---|
| ≤ 1100 μm | ≥ 0.041" ID |
| ≤ 800 μm | ≥ 0.025" ID |
| ≤ 600 μm | ≥ 0.022" ID |
| ≤ 400 μm | ≥ 0.017" ID |

# AZUR™ COILS: TREATMENT ALGORITHM & SIZING GUIDE

## 1

### Frame the Base (First Coil)
Coils designed to provide the stability and coverage you need

*AZUR CX* -OR-

*AZUR Framing Coil*

**Sizing:**
At the discretion of the physician, right size (or oversize by up to 1 - 2 mm) the coil in relation to the vessel ID / aneurysm neck

## 2

### Fill the Space (Subsequent Coils)
Coils designed to enable soft packing and superior density

*AZUR HydroCoil* -OR-

*AZUR HydroPack™*

**Sizing:**
**AZUR HydroPack:** Designed to fill space after the first coil. **AZUR HydroCoil:** At the discretion of the physician, downsize the coil in relation to the first coil

## AZUR™ COILS: OUTER DIAMETER (OD)

| | SYSTEM COMPATIBILITY | OUTER DIAMETER |
|---|---|---|
| **DETACHABLE** | HydroCoil .018" | 0.014" → 0.034" (Fully Expanded) |
| | HydroCoil .035" | 0.024" → 0.048" (Fully Expanded) |
| | CX .018" | 0.014" → 0.015" (Fully Expanded) |
| | CX .035" | 0.029" → 0.029" (Fully Expanded) |
| | HydroPack .018" | 0.018" → 0.018" (Fully Expanded) |
| | Framing Coil .018" | 0.014" (8 - 10 mm), 0.015" (14-20 mm) |
| | Framing Coil .035" | 0.022" |
| **PUSHABLE** | HydroCoil .018" | 0.014" → 0.034" (Fully Expanded) |
| | HydroCoil .035" | 0.024" → 0.048" (Fully Expanded) |

## GLIDECATH® HYDROPHILIC COATED CATHETER SPECIFICATIONS

| | 4Fr | 5Fr | 5Fr XP |
|---|---|---|---|
| **Effective Lengths** | 65 cm, 70 cm, 100 cm, 120 cm & 150 cm, 125 cm & 135 cm | 65 cm, 70 cm & 100 cm | 65 cm, 100 cm & 150 cm, 125 cm & 135 cm |
| **Construction** | Double-Braided Stainless Steel | Single-Braided Stainless Steel | Double-Braided Stainless Steel |
| **Inner Diameter - Distal Tip** | 0.041"/1.03 mm | 0.043"/1.10 mm | 0.047"/1.20 mm |
| **Guidewire Compatibility** | 0.038" | 0.038" | 0.038" |
| **Maximum Injection Pressure** | 750 psi | 1000 psi | 1000 psi |
| **Hydrophilic Coating** | Distal 15 cm & Distal 40 cm | Distal 25 cm & Distal 40cm | Distal 15 cm & Distal 40 cm |

## PROGREAT®, PROGREAT LAMBDA™, PROGREAT ALPHA™ PRODUCT SPECIFICATIONS

| CATHETER OD | LENGTH (CM) | INNER DIAMETER (IN/MM) | MAX GW (IN) | EMBOLIC COMPATI- BILITY | DEAD SPACE VOLUME (ML) | ACTUAL FLOW RATE (ML/SEC) 750 psi | 900 psi |
|---|---|---|---|---|---|---|---|
| 1.9/2.8 Fr (0.64/0.94 mm) | 130 | .019/0.48 | .016 | AZUR CX .018" Coils /500 μm | 0.58 | 2.5 | 2.9 |
| | 150 | | | | 0.63 | 2.2 | 2.6 |
| | 165 | | | | 0.67 | 1.9 | 2.3 |
| 2.0/2.7 Fr (0.67/0.90 mm) | 110 | .019/0.49 | .016 | AZUR CX .018" Coils /500 μm | 0.28 | 0.9 | – |
| | 130 | | | | 0.32 | 0.8 | – |
| | 150 | | | | 0.38 | 0.6 | – |
| 2.4/2.9 Fr (0.80/0.97 mm) | 110 | .022/0.57 | .018 | .018" Coils /700 μm | 0.38 | 2.0 | – |
| | 130 | | | | 0.43 | 1.7 | – |
| | 150 | | | | 0.47 | 1.4 | – |
| 2.7/2.9 Fr (0.90/0.97 mm) | 110 | .025/0.65 | .021 | .018" Coils /800 μm | 0.46 | 3.0 | – |
| | 130 | | | | 0.53 | 2.6 | – |
| 2.8/3.0 Fr (0.93/1.00 mm) | 110 | .027/0.70 | .021 | .018" Coils /900 μm | 0.53 | 3.5 | 3.9 |
| | 130 | | | | 0.59 | 3.0 | 3.6 |
| | 150 | | | | 0.66 | 2.7 | 3.2 |

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