

PAJUNK®



REGIONAL ANAESTHESIA
& PAIN MANAGEMENT

Pain Management *Product Catalogue*

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***Inject**ions*

*Ultrasound and Fluoroscopy Guided Steroid
& Anaesthetic Injection Needles*



Injections

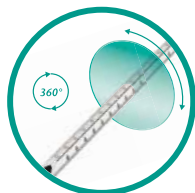
Features & Advantages



Atraumatic Tip Design

The ogive shaped tip reduces the chance of nerve damage.

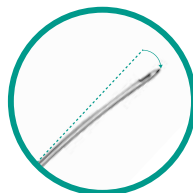
- ▶ Displaces tissue with minimal injury
- ▶ Consistent tactile feedback



Cornerstone Reflectors

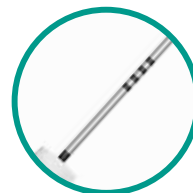
360 degree graduations on the first 20mm of the needle

- ▶ Optimised ultrasound visibility of needle shaft¹
- ▶ Reliable and optimised needle visualisation at any angle^{2,3}



Curved Tip Geometry

- ▶ Allows for easier access to the targeted area



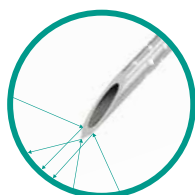
Depth Markings

- ▶ Easy to read and identify



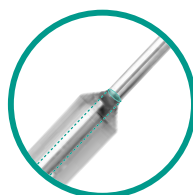
Detachable Plastic Wings

- ▶ Optimum handling for different gripping techniques



Echogenic Needle Tip

- ▶ Improved needle tip visibility under ultrasound



Fixed Injection Tubing

- ▶ Closed system
- ▶ Convenience



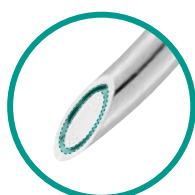
Hubless Design

- ▶ Minimalistic design
- ▶ Reduced shadowing and improved visibility of target area



Pre-attached & Removable Injection Tubing

- ▶ Convenience
- ▶ Cost saving
- ▶ Detachable, for more flexibility



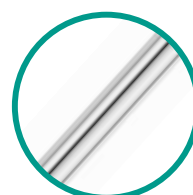
Precision-Ground Metal Stylet

- ▶ Flush ends of metal stylet and needle reduce the risk of tissue displacement
- ▶ Increased needle stability



Sharp Facet Tip

- ▶ Reduced pain during puncture and needle placement
- ▶ Easier and more precise needle manoeuvrability
- ▶ Smooth gliding properties



Smooth Needle Surface

- ▶ Smooth gliding properties



Highest Processing Quality

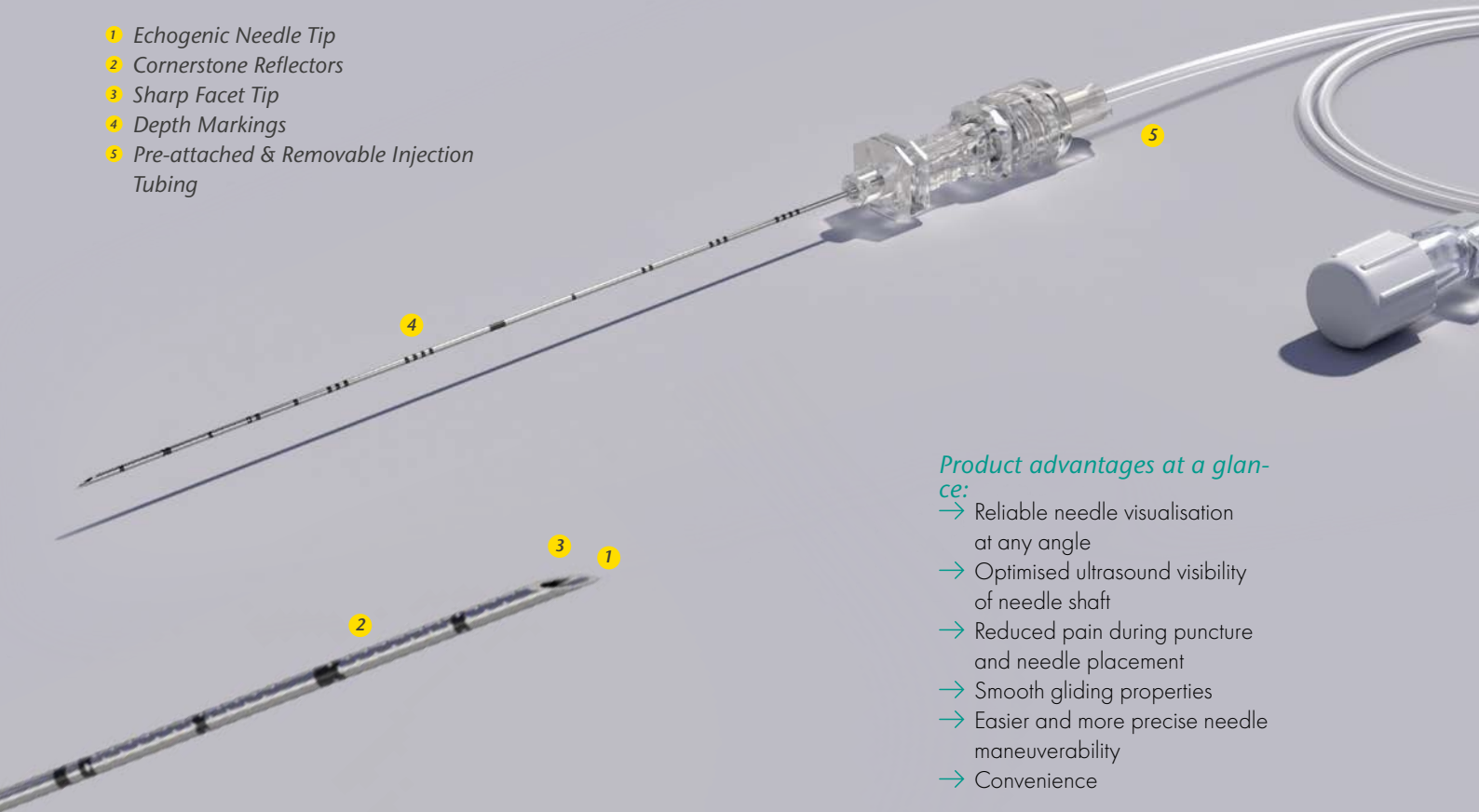
- ▶ High quality stainless steel needle for increased stability
- ▶ Smoothly polished and burr-free surface and inner lumen designed for optimised gliding properties
- ▶ Consistent feel and reliable performance

SonoMSK

Sharp, Echogenic MSK and Chronic Pain Injection Needle

NEW

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 Sharp Facet Tip
- 4 Depth Markings
- 5 Pre-attached & Removable Injection Tubing



Product advantages at a glance:

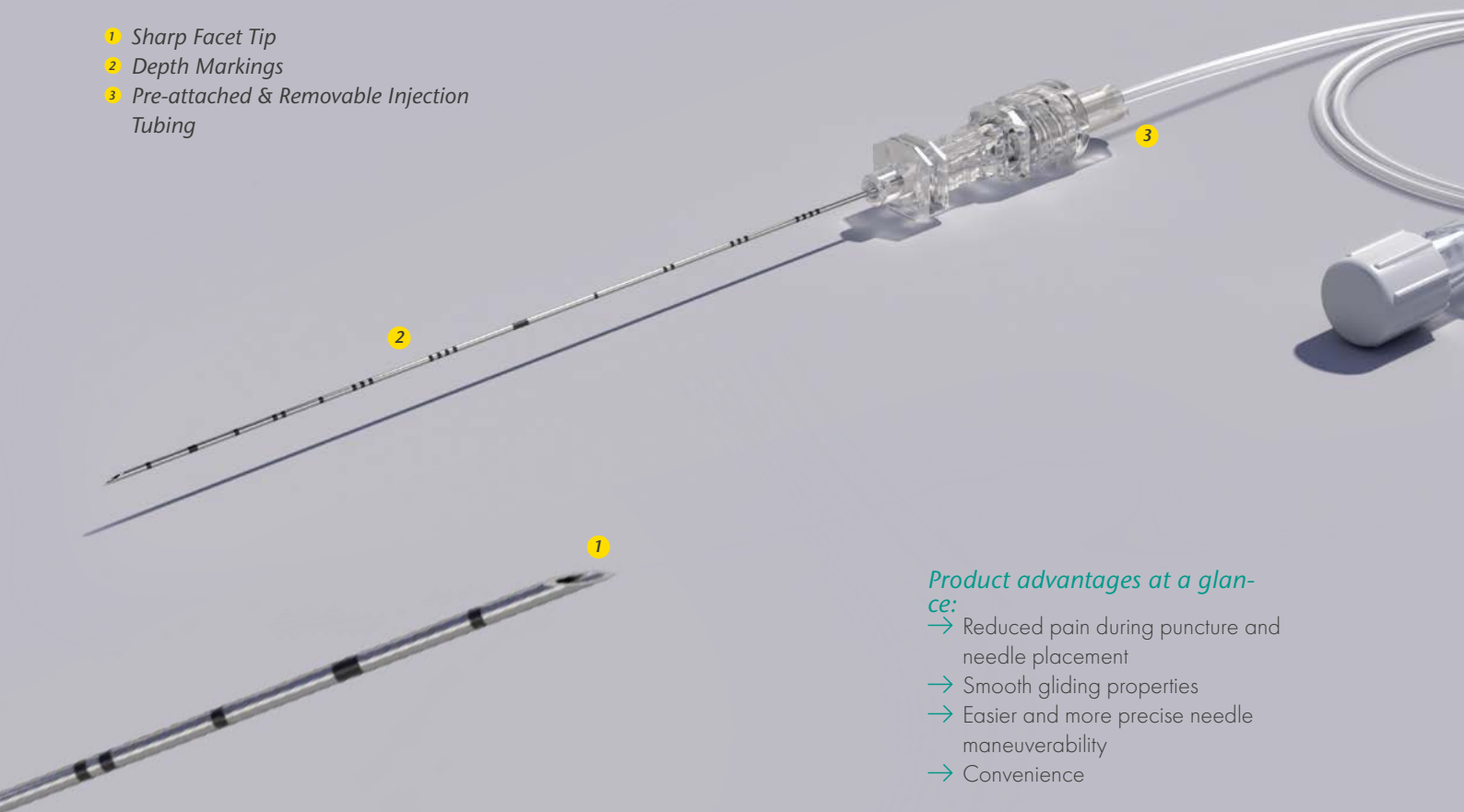
- Reliable needle visualisation at any angle
- Optimised ultrasound visibility of needle shaft
- Reduced pain during puncture and needle placement
- Smooth gliding properties
- Easier and more precise needle maneuverability
- Convenience

Description	Item no.	PU
22G x 25mm (1") needle with Sharp Facet Tip	1191-4E025	10
22G x 40mm (1 5/8") needle with Sharp Facet Tip	1191-4E040	10
22G x 70mm (2 3/4") needle with Sharp Facet Tip	1191-4E070	10
22G x 90mm (3 1/2") needle with Sharp Facet Tip	1191-4E090	10
22G x 100mm (4") needle with Sharp Facet Tip	1191-4E100	10
22G x 120mm (4 3/4") needle with Sharp Facet Tip	1191-4E120	10
22G x 150mm (6") needle with Sharp Facet Tip	1191-4E150	10

UniMSK

Sharp MSK and Chronic Pain Injection Needle

- 1 Sharp Facet Tip
- 2 Depth Markings
- 3 Pre-attached & Removable Injection Tubing



Product advantages at a glance:

- Reduced pain during puncture and needle placement
- Smooth gliding properties
- Easier and more precise needle maneuverability
- Convenience

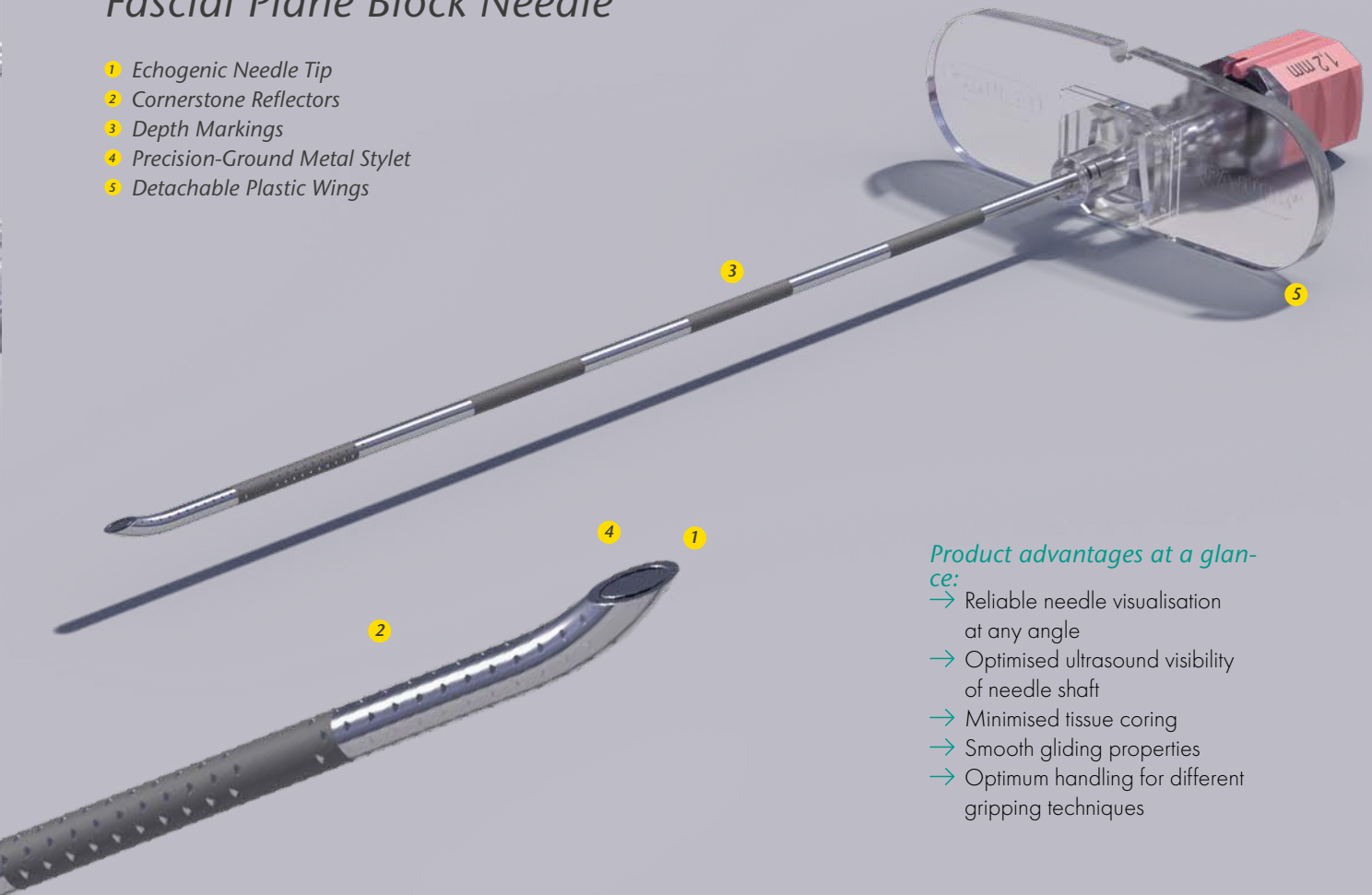
Description	Item no.	PU
22G x 40mm (1 5/8") needle with Sharp Black Cut Bevel	1192-4E040	10
22G x 70mm (2 3/4") needle with Sharp Black Cut Bevel	1192-4E070	10
22G x 100mm (4") needle with Sharp Black Cut Bevel	1192-4E100	10
22G x 120mm (4 3/4") needle with Sharp Black Cut Bevel	1192-4E120	10
22G x 150mm (6") needle with Sharp Black Cut Bevel	1192-4E150	10
22G x 180mm (7 1/5") needle with Sharp Black Cut Bevel	1192-4E180	10

Description	Item no.	PU
20G x 100mm (4") needle with Sharp Black Cut Bevel	1192-4G100	10
20G x 120mm (4 3/4") needle with Sharp Black Cut Bevel	1192-4G120	10
20G x 150mm (6") needle with Sharp Black Cut Bevel	1192-4G150	10
20G x 180mm (7 1/5") needle with Sharp Black Cut Bevel	1192-4G180	10
18G x 100mm (4") needle with Sharp Black Cut Bevel	1192-4K100	10
18G x 120mm (4 3/4") needle with Sharp Black Cut Bevel	1192-4K120	10
18G x 150mm (6") needle with Sharp Black Cut Bevel	1192-4K150	10

TuohySono

Echogenic, Non-Stimulating Single Shot Fascial Plane Block Needle

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 Depth Markings
- 4 Precision-Ground Metal Stylet
- 5 Detachable Plastic Wings



Product advantages at a glance:

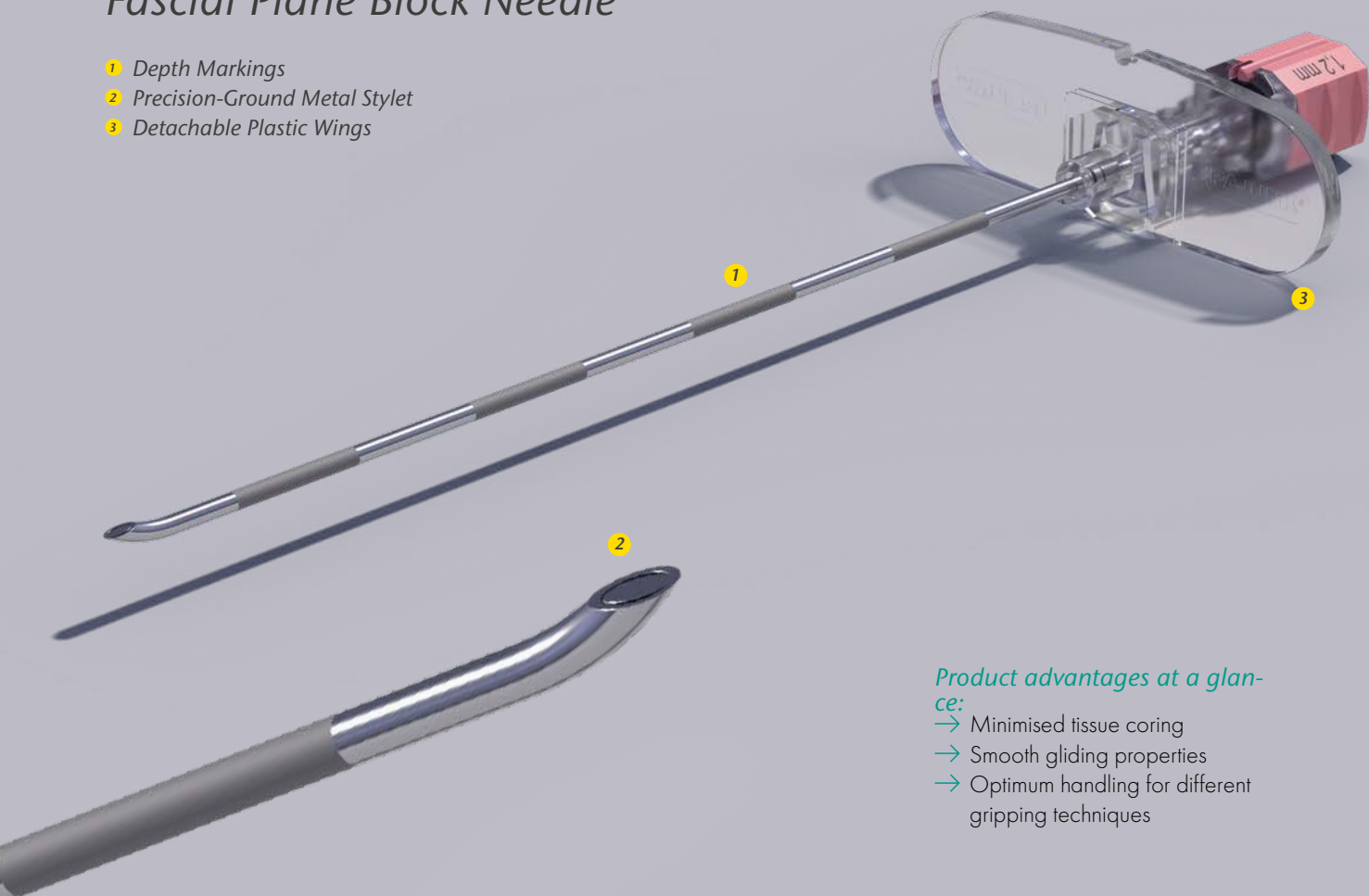
- Reliable needle visualisation at any angle
- Optimised ultrasound visibility of needle shaft
- Minimised tissue coring
- Smooth gliding properties
- Optimum handling for different gripping techniques

Description	Item no.	PU
20G x 100mm (4") needle with Tuohy Tip and Cornerstone Reflectors	1085-4G103	25
18G x 50mm (2") needle with Tuohy Tip and Cornerstone Reflectors	1085-4K050	25
18G x 90mm (3 1/2") needle with Tuohy Tip and Cornerstone Reflectors	1085-4K090	25
18G x 120mm (4 3/4") needle with Tuohy Tip and Cornerstone Reflectors	1085-4K120	10
18G x 150mm (6") needle with Tuohy Tip and Cornerstone Reflectors	1085-4K150	10
17G x 90mm (3 1/2") needle with Tuohy Tip and Cornerstone Reflectors	1085-4M090	25
17G x 150mm (6") needle with Tuohy Tip and Cornerstone Reflectors	1085-4M150	10

Tuohy

Non-Stimulating Single Shot Fascial Plane Block Needle

- 1 Depth Markings
- 2 Precision-Ground Metal Stylet
- 3 Detachable Plastic Wings



Product advantages at a glance:

- Minimised tissue coring
- Smooth gliding properties
- Optimum handling for different gripping techniques

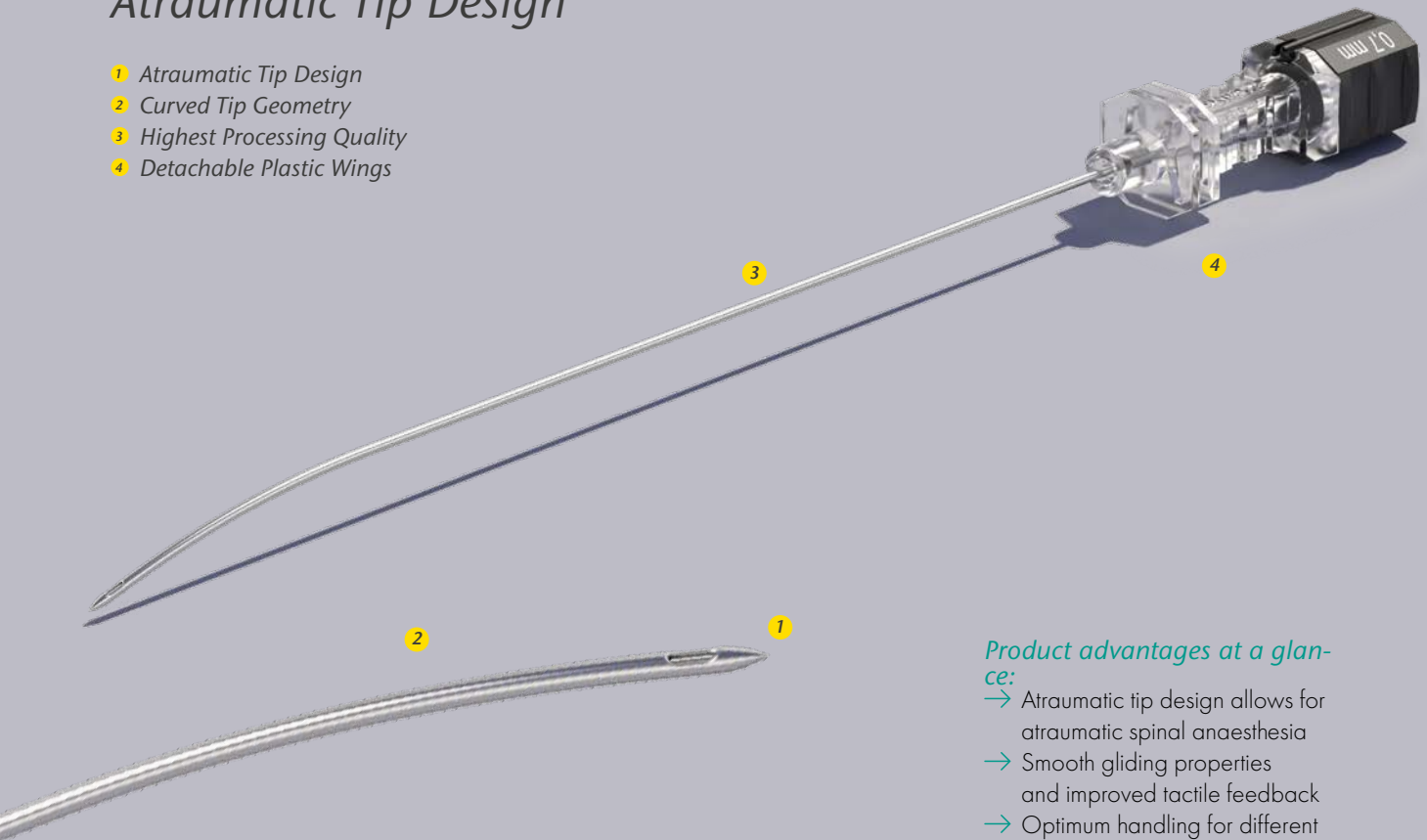
Description	Item no.	PU
20G x 90mm (3 1/2") needle with Tuohy Tip	1150-4G090	25
20G x 100mm (4") needle with Tuohy Tip	1150-4G103	25
20G x 120mm (4 3/4") needle with Tuohy Tip	1150-4G120	10
20G x 150mm (6") needle with Tuohy Tip	1150-4G150	10
19G x 90mm (3 1/2") needle with Tuohy Tip	1150-4I090	25
18G x 50mm (2") needle with Tuohy Tip	1150-4K050	25
18G x 80mm (3 1/4") needle with Tuohy Tip	1150-4K080	25
18G x 90mm (3 1/2") needle with Tuohy Tip	1150-4K090	25
18G x 100mm (4") needle with Tuohy Tip	1150-4K100	25

Description	Item no.	PU
18G x 120mm (4 3/4") needle with Tuohy Tip	1150-4K120	10
18 G x 150mm (6") needle with Tuohy Tip	1150-4K150	10
18G x 200mm (8") needle with Tuohy Tip	1150-4K200	10
17G x 90mm (3 1/2") needle with Tuohy Tip	1150-4M090	25
17G x 100mm (4") needle with Tuohy Tip	1150-4M100	25
17G x 120mm (4 3/4") needle with Tuohy Tip	1150-4M120	10
17G x 150mm (6") needle with Tuohy Tip	1150-4M150	10
17G x 200mm (8") needle with Tuohy Tip	1150-4M200	10

Curved SPROTTE®

Curved Injection Needle with Atraumatic Tip Design

- 1 Atraumatic Tip Design
- 2 Curved Tip Geometry
- 3 Highest Processing Quality
- 4 Detachable Plastic Wings



Product advantages at a glance:

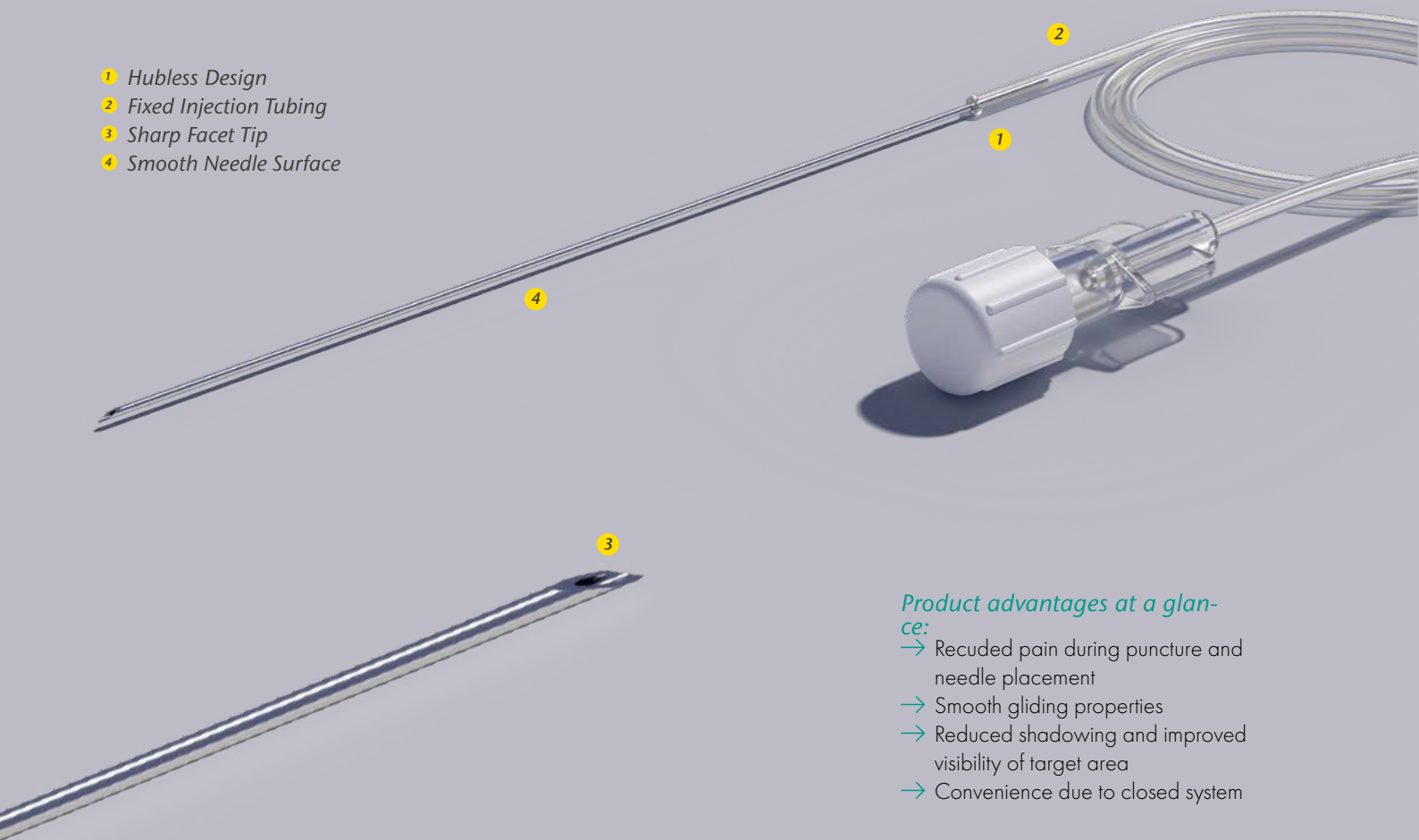
- Atraumatic tip design allows for atraumatic spinal anaesthesia
- Smooth gliding properties and improved tactile feedback
- Optimum handling for different gripping techniques

Description	Item no.	PU
22G x 90mm (3 1/3") needle with Atraumatic Tip Design	001152-30C	25
22G x 120mm (4 3/4") needle with Atraumatic Tip Design	031152-30C	10
22G x 150mm (6") needle with Atraumatic Tip Design	041152-30C	10

RGN

Hubless Contrast Injection Needle

- 1 Hubless Design
- 2 Fixed Injection Tubing
- 3 Sharp Facet Tip
- 4 Smooth Needle Surface



- Product advantages at a glance:*
- Recuded pain during puncture and needle placement
 - Smooth gliding properties
 - Reduced shadowing and improved visibility of target area
 - Convenience due to closed system

Description	Item no.	PU
23G x 60mm (2 1/4") needle with Sharp Facet Tip	001160-10	10
22G x 100mm (4") needle with Sharp Facet Tip	001160-20	10
21G x 120mm (4 3/4") needle with Sharp Facet Tip	001160-30	10
21G x 150mm (6") needle with Sharp Facet Tip	001160-40	10

EpiLong VPC & LOR Syringe



Description	Item no.	PU
Plastic LOR Syringe 7ml Luer Lock	0001151-65	10
Plastic EpiLong VPC 10ml Luer Lock	0001151-49	10

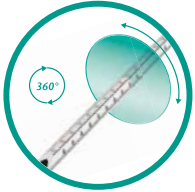


RF Ablation

*Needles for RF and
Pulsed RF Ablation*

RF Ablation

Features & Advantages



Cornerstone Reflectors

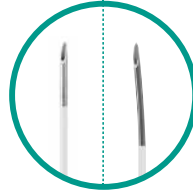
360 degree graduations on the first 20mm of the needle

- ▶ Optimised ultrasound visibility of needle shaft¹
- ▶ Reliable and optimised needle visualisation at any angle^{2,3}



Depth Markings

- ▶ Easy to read and identify



Needle Tip Options

- ▶ Straight and Curved tip configurations for more flexibility



Sharp Facet Tip

- ▶ Reduced pain during puncture and needle placement
- ▶ Easier and more precise needle manoeuvrability
- ▶ Smooth gliding properties



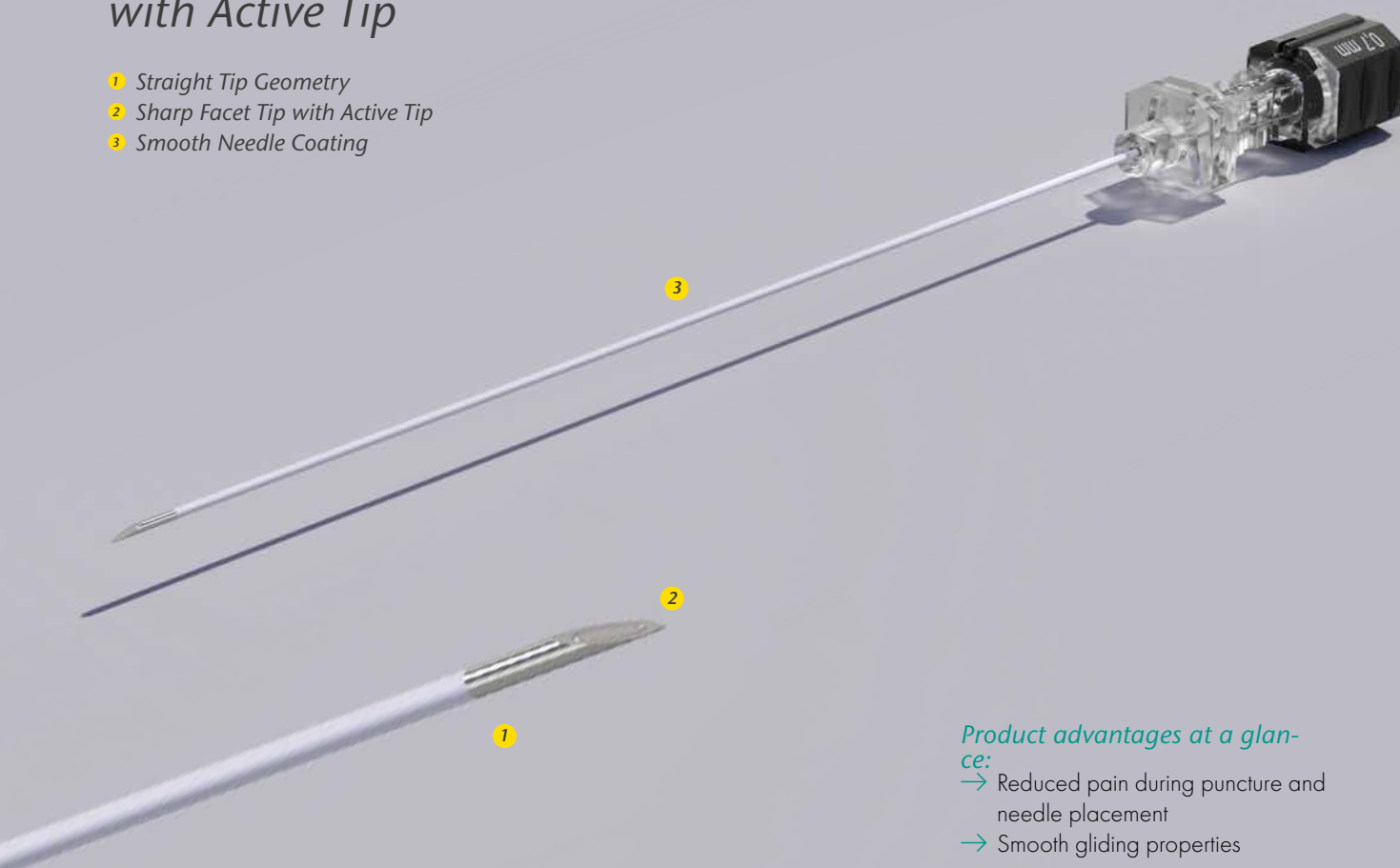
Smooth Needle Coating

- ▶ Improved gliding properties
- ▶ Uniform tapered insulation
- ▶ Enhanced dielectric strength

RFTL

Straight Thermolesion (RF) Needle with Active Tip

- 1 Straight Tip Geometry
- 2 Sharp Facet Tip with Active Tip
- 3 Smooth Needle Coating



Product advantages at a glance:

- Reduced pain during puncture and needle placement
- Smooth gliding properties

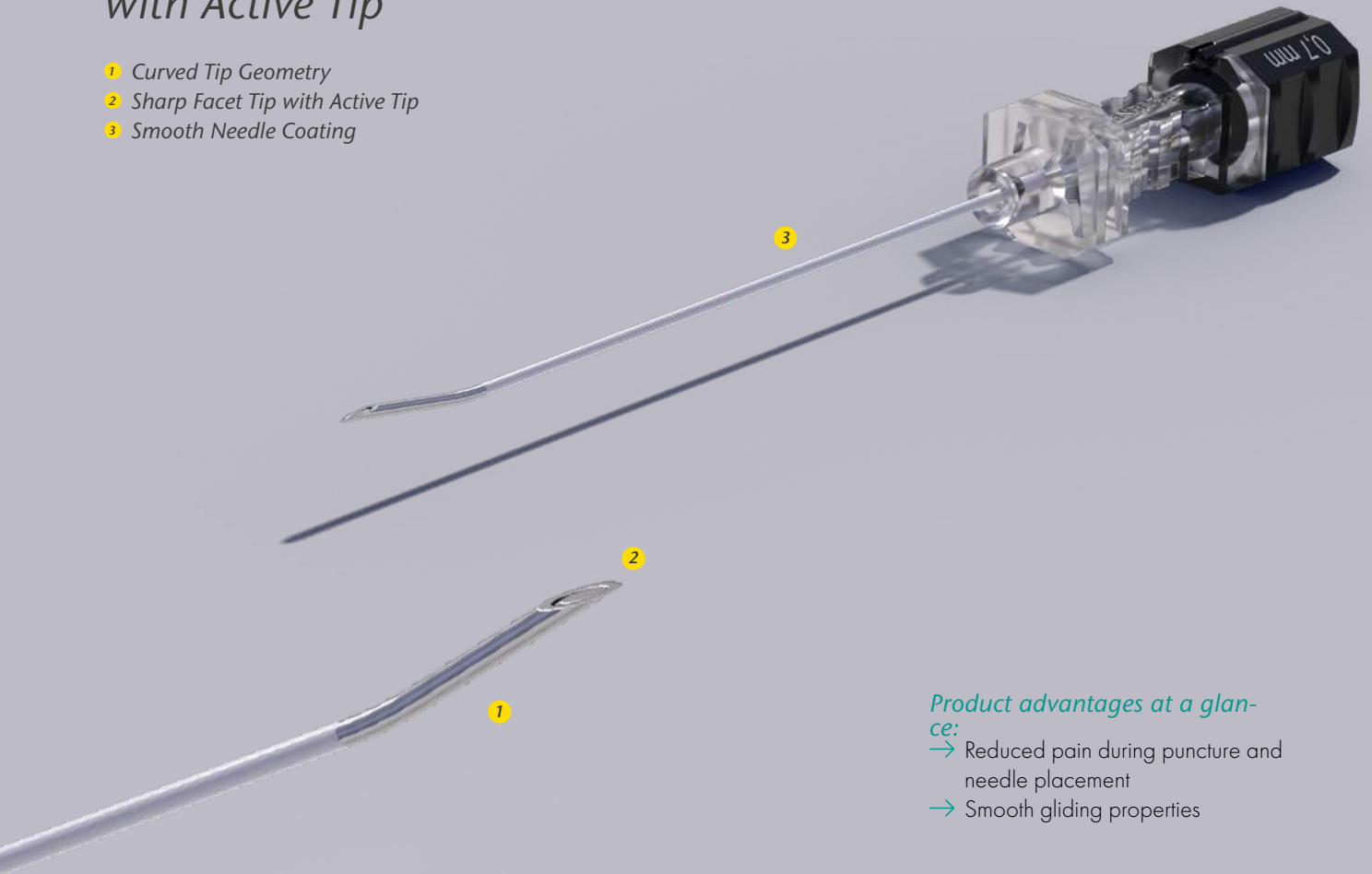
Description	Item no.	PU
22G x 52.6mm (2") needle with 2mm Active Tip	001165-10A	25
22G x 52.6mm (2") needle with 4mm Active Tip	001165-10B	25
22G x 98.6mm (4") needle with 2.5mm Active Tip	001165-20A	25
22G x 98.6mm (4") needle with 5mm Active Tip	001165-20B	25
22G x 98.6mm (4") needle with 10mm Active Tip	001165-20C	25

Description	Item no.	PU
20G x 52.6mm (2") needle with 5mm Active Tip	001165-11D	25
20G x 98.6mm (4") needle with 5mm Active Tip	001165-21B	25
20G x 98.6mm (4") needle with 10mm Active Tip	001165-30D	25
20G x 142mm (5 1/2") needle with 2.5mm Active Tip	001165-30A	10
20G x 142mm (5 1/2") needle with 5mm Active Tip	001165-30B	10
20G x 142mm (5 1/2") needle with 10mm Active Tip	001165-30C	10
20G x 145mm (5 3/4") needle with 5mm Active Tip	001165-30BM	10
20G x 145mm (5 3/4") needle with 10mm Active Tip	001165-30CM	10
18G x 98.6mm (4") needle with 10mm Active Tip	001165-22C	25

RFTL Curved

Curved Thermolesion (RF) Needle with Active Tip

- 1 Curved Tip Geometry
- 2 Sharp Facet Tip with Active Tip
- 3 Smooth Needle Coating



Product advantages at a glance:

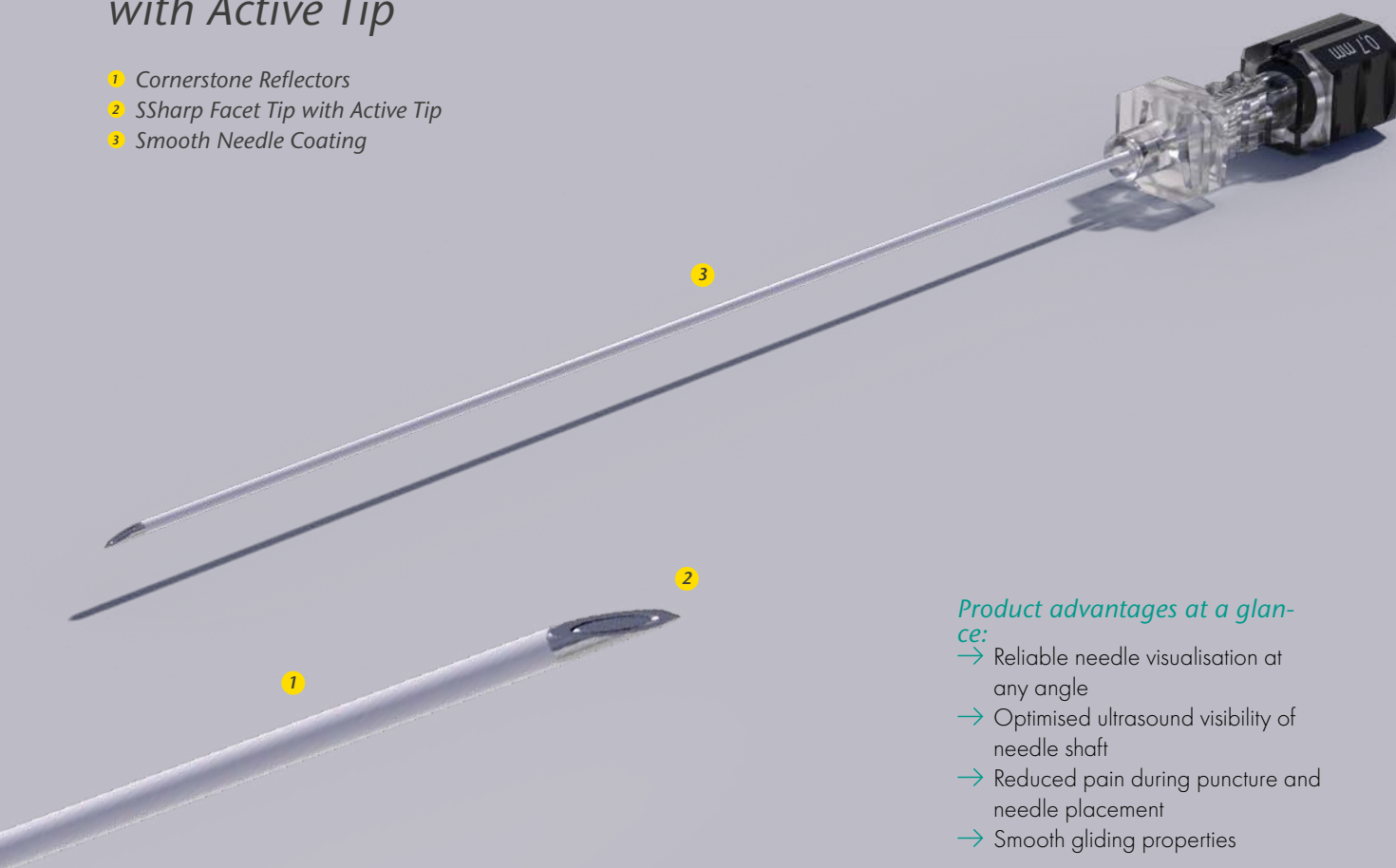
- Reduced pain during puncture and needle placement
- Smooth gliding properties

Description	Item no.	PU
22G x 52.6mm (2") needle with 10mm Active Tip	011165-12C	25
22G x 98.6mm (4") needle with 10mm Active Tip	011165-20C	25
20Gx 98.6mm (4") needle with 10mm Active Tip	011165-30D	25
20G x 142mm (5 1/2") needle with 10mm Active Tip	011165-32C	10
20G x 145mm (5 3/4") needle with 10mm Active Tip	011165-32CM	10
18G x 98.6mm (4") needle with 10mm Active Tip	011165-40D	25

RFTL Sono

Echogenic Thermolesion (RF) Needle with Active Tip

- 1 Cornerstone Reflectors
- 2 SSharp Facet Tip with Active Tip
- 3 Smooth Needle Coating



Product advantages at a glance:

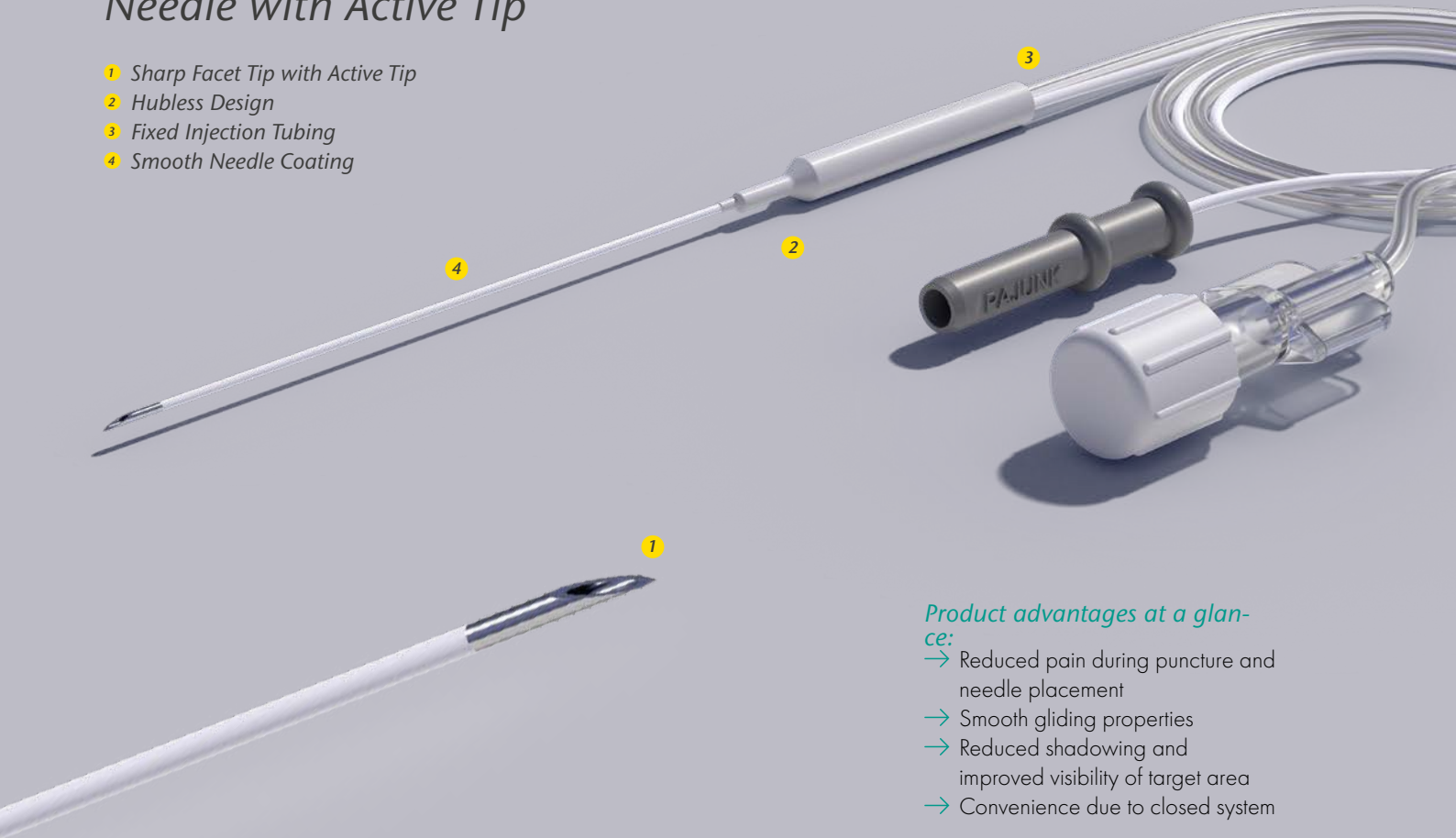
- Reliable needle visualisation at any angle
- Optimised ultrasound visibility of needle shaft
- Reduced pain during puncture and needle placement
- Smooth gliding properties

Description	Item no.	PU
22G x 98.6mm (4") needle with 2.5mm Active Tip	001175-20A	25
22G x 98.6mm (4") needle with 5mm Active Tip	001175-20B	25
20G x 52.6mm (2") needle with 5mm Active Tip	001175-11D	25
20G x 52.6mm (2") needle with 10mm Active Tip	001175-11C	25

PulsedRF

Thermolesion (RF) Needle with Active Tip

- 1 Sharp Facet Tip with Active Tip
- 2 Hubless Design
- 3 Fixed Injection Tubing
- 4 Smooth Needle Coating



Product advantages at a glance:

- Reduced pain during puncture and needle placement
- Smooth gliding properties
- Reduced shadowing and improved visibility of target area
- Convenience due to closed system

Description	Item no.	PU
22G x 60mm (2 1/4") needle with 5mm Active Tip, with Ø 1.6mm Plug	001255-12	10
22G x 100mm (4") needle with 5mm Active Tip, with Ø 1.6mm Plug	001255-22	10
20G x 150mm (6") needle with 5mm Active Tip, with Ø 1.6mm Plug	001255-32	10

AlliClip

Alligator Clip for PulsedRF Needles



Description	Item no.	PU
AlliClip Alligator Clip for PulsedRF Needles with Ø 1.6mm Plug	001151-39D	10

¹**Fuzier R. et al.** The echogenicity of nerve blockade needles, *Anesth.* 2015; 70: 462–466

²**Uppal V. et al.** Effect of beam steering on the visibility of echogenic and non-echogenic needles: a laboratory study, *Can. J. Anesth.* 2014 Oct; 61 (10): 909–915

³**Hebard S., Hocking G.** Echogenic technology can improve needle visibility during ultrasound-guided regional anesthesia, *Reg. Anesth. Pain Med.* 2011 March–April; 36(2): 185–189



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