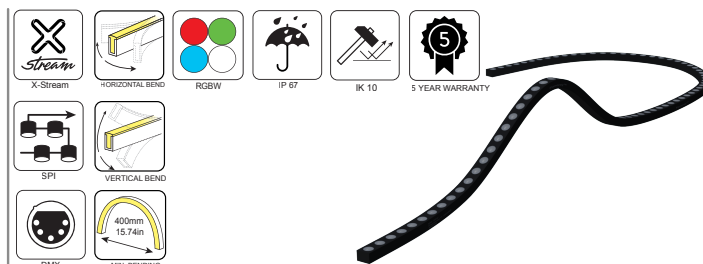


FXN 3525 | FLEXIBLE NEON

The FXN 3525 adopts an exquisite look and gives a delicate touch. Specialised lens and silicone casing to withstand UV and heat, make it ideal for architectural and commercial applications. It offers precise control with built-in UCS2903 or UCS2904 chips in both RGB and RGBW.

Constructed from silicone, the FXN 3525 is engineered for reliability with IP67 water resistance and IK10 impact protection.

Its UV-Resistant design operates in extreme temperatures from -40°C to 55°C, making it ideal for demanding environments and complex lighting installations.



PART NUMBER CONFIGURATOR

Prefix	Model	LED Colour	Control	Bending Direction	Voltage	Beam Angle	CRI	Connectors	Mounting Profiles
FXN	3525	RGBW (27K) RGBW (30K) RGBW (40K) RGB White (27K-57K)	X – XStream SPI DMX	F – Freebend	24 – 24V DC	12 – 12° 25 – 25° 1.25 – 15°*25° 1.4 – 15°*40° 1.6 – 15°*60° 2.4 – 20°*40°	80	SIMC – Silicone Injection-moulded Connector	SAPH36 – Serrated Aluminium Profile H36 SAPH50 – Serrated Aluminium Profile H50 BSAPH36H – Bendable Serrated Aluminium Profile H36 (HB) BSAPH36V – Bendable Serrated Aluminium Profile H36 (VB) BA – Bendable Anole Profile

Example: FXN – 3525 – RGBW(27K) – X – F – 24 – 12 – 80 – SIMC – BSAPH36H

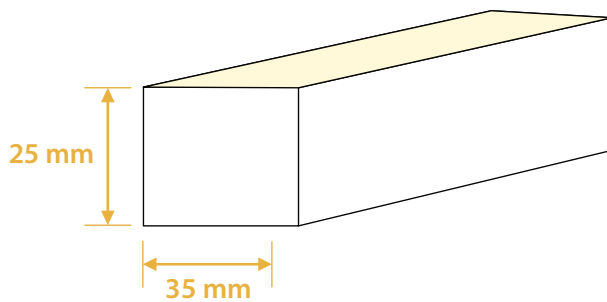
SPECIFICATIONS

Electrical	Power Consumption Operating Voltage Installation Temperature Operating Temperature Storage Temperature	24W per metre (fixed, standard configuration) 24V DC -40°C TO 50°C - (-40°F TO 122°F) -40°C TO 55°C - (-40°F TO 131°F) -40°C TO 60°C - (-40°F TO 140°F)
Physical	Dimensions Bending Housing / Lens Weight/m IK Rating IP Rating Min. Cutting Unit Min. Cutting Length Min. Bending Diameter Unit/m (Pixel Qty/m) Connectors Mounting Profiles Brackets Shields Data Maximum Run Length	L: 1000mm – H: 25mm – W: 35mm Freebend Silicone 1100g IK10 IP67 7LEDs(1unit) 250mm(1unit) 400mm (Vertical Bend) / 800mm (Horizontal Bend) 12 pixels Silicone Injection-moulded Connector Serrated Aluminium Profile H36, Serrated Aluminium Profile H50, Bendable Serrated Aluminium Profile H36 (HB), Bendable Serrated Aluminium Profile H36 (VB) Adjustable Mounting Bracket Bendable Aluminium Glare Shield (HB) 64m @ 12pixels/m – 6 universes
Optical	Beam Angle Colour Range LED Qty/m LED Type LED Distance Total Lumens	12°, 25°, 15°*25°, 15°*40°, 15°*60°, 20°*40° RGBW, RGB, White (22K-57K) 28LEDs <820lm/m
Diming & Control	Control Protocols Dimming Resolution	X-Stream: SPI protocol with data redundancy Others – SPI, DMX
Fixture Rating & Certifications	UL LISTED, CE RoHS COMPLIANT	  
Limited Warranty	5 Years	Extendable Warranty Available

FXN 3525 | FLEXIBLE NEON

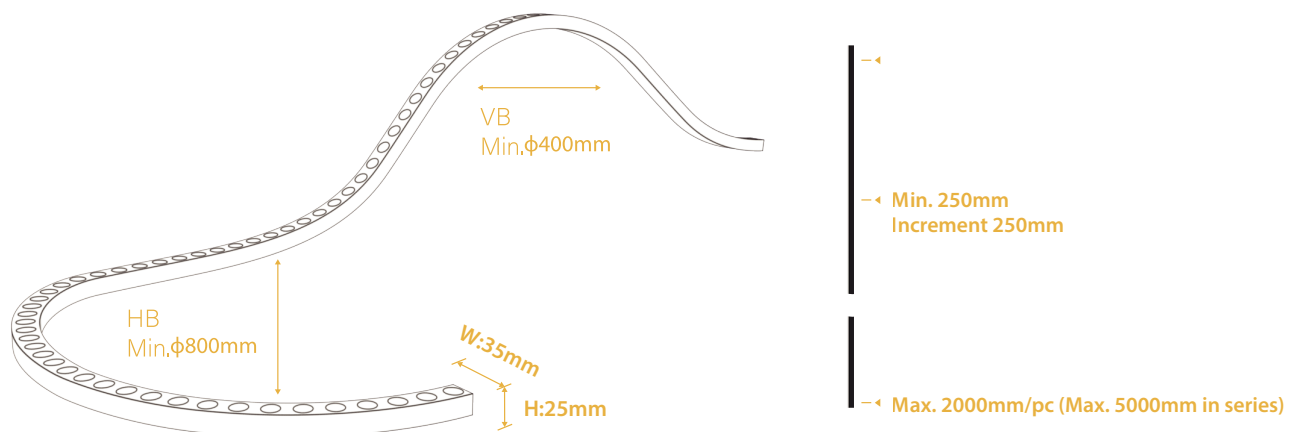
DIMENSIONS & BENDING

Dimensions of Light



Minimum Bend Diameter

Standard Length

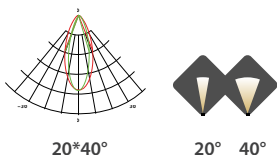


FXN 3525 | FLEXIBLE NEON

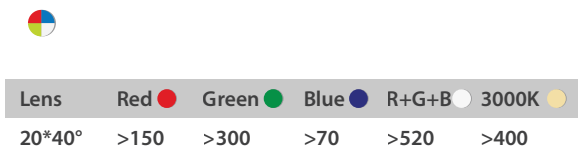
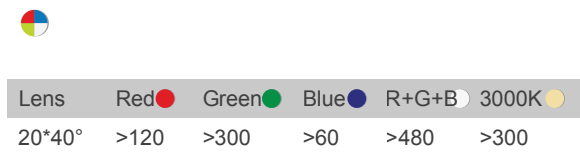
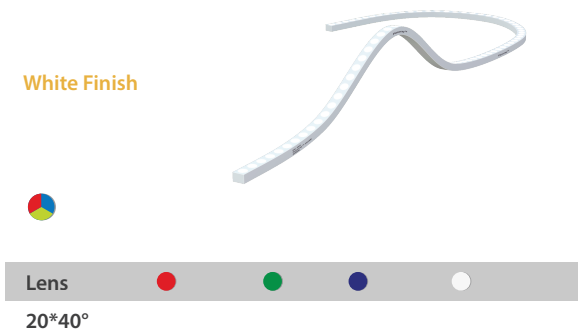
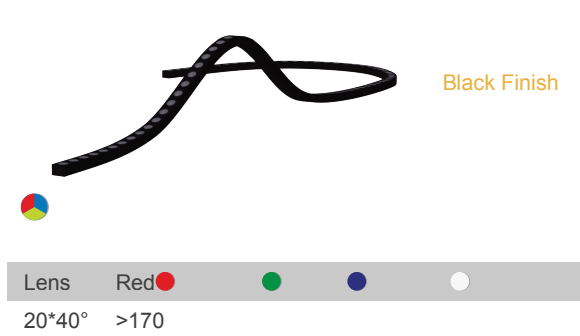
PHOTOMETRIC CURVE

DMX 

PHOTOMETRIC CURVE



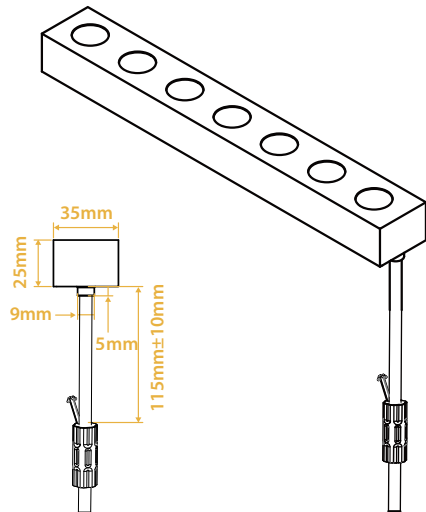
LUMEN OUTPUT (lm/m)



FXN 3525 | FLEXIBLE NEON

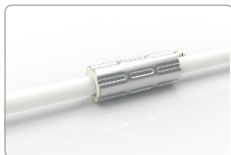
CONNECTORS

Silicone Injection-moulded Connector IP67



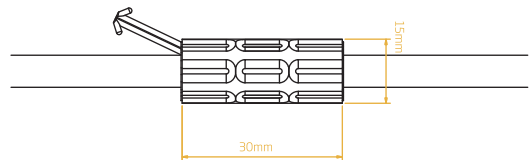
FXN – 3525 – C – SIM

Anti-wicking Ferrule



The anti-wicking ferrule is located at 115mm (± 10 mm tolerance) from the connector on the cable.

For protection against water ingress from inside of cable wire and hence damage the light.



Note:

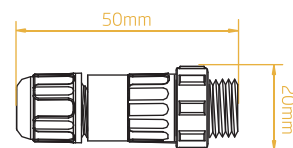
1. Unless otherwise stated, the tolerance is ± 0.5 mm.
2. The removal of anti-wicking ferrule will void the warranty if any water ingress caused by it.

Male & Female Connector



For plug and play cable junction, IP67.

FXN – 3525 – MC / FXN – 3525 – FC



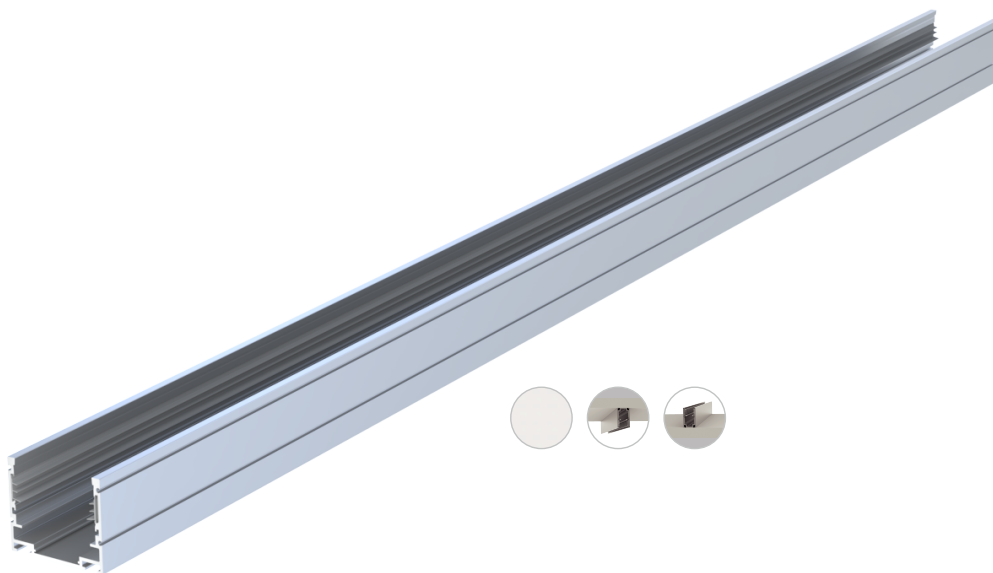
Note:

Unless otherwise stated, the tolerance is ± 2 mm.

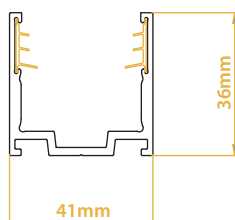
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

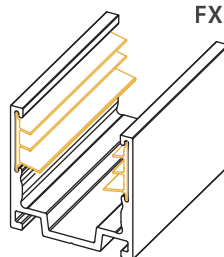
Serrated Aluminium Profile H36



Dimensions: mm



Tolerance: $\pm 0.3\text{mm}$



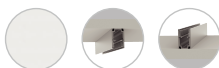
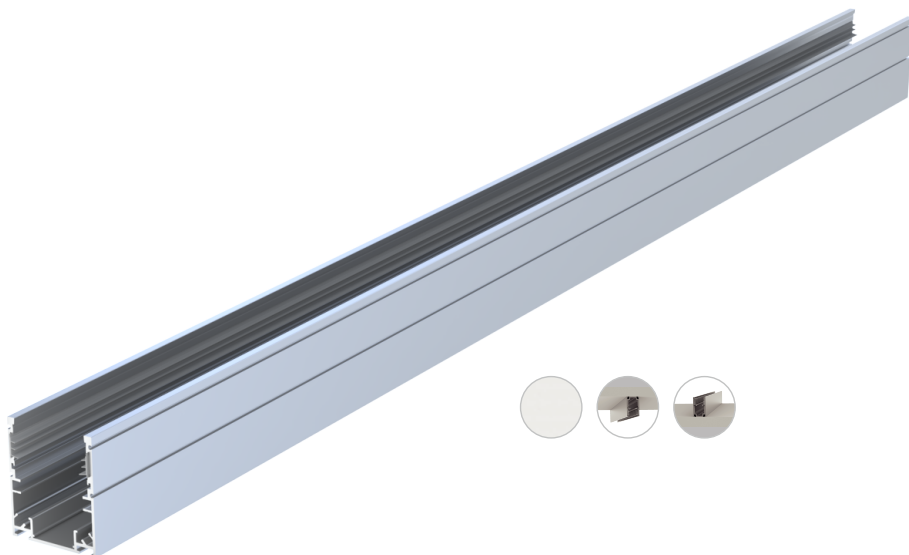
FXN – 3525 – SA/PL – 500MM – AL – H36

Available Lengths:
50mm, 500mm, 1000mm, 2000mm

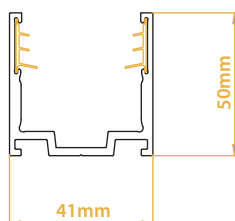
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

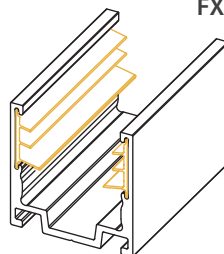
Serrated Aluminium Profile H50



Dimensions: mm



Tolerance: $\pm 0.3\text{mm}$



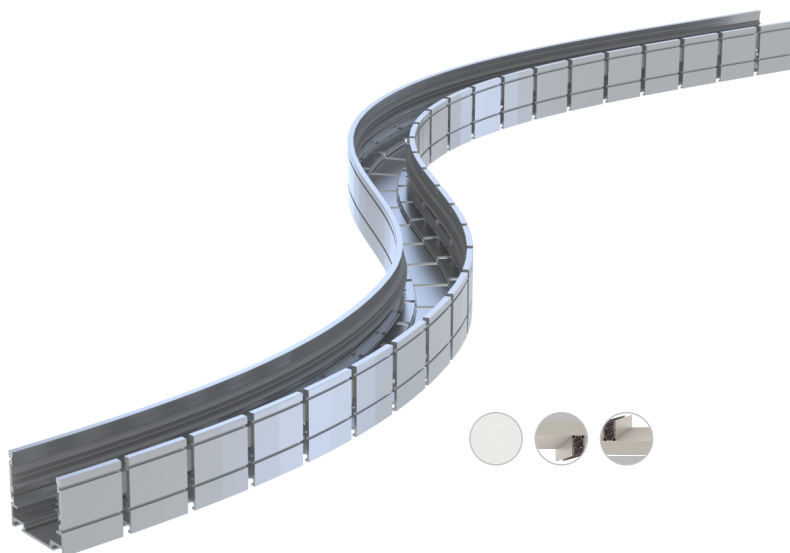
FXN – 3525 – SA/PL – 500MM – AL – H50

Available Lengths:
1000mm, 1750mm, 2000mm

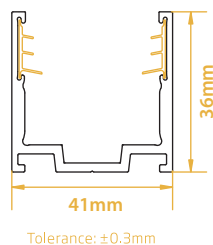
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

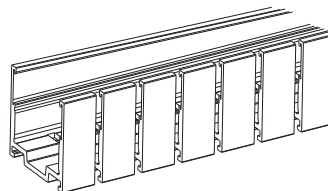
Bendable Serrated Aluminium Profile HB



Dimensions: mm



FXN – 3525 – BSA/PL – 500MM – AL – HB



Available Lengths:

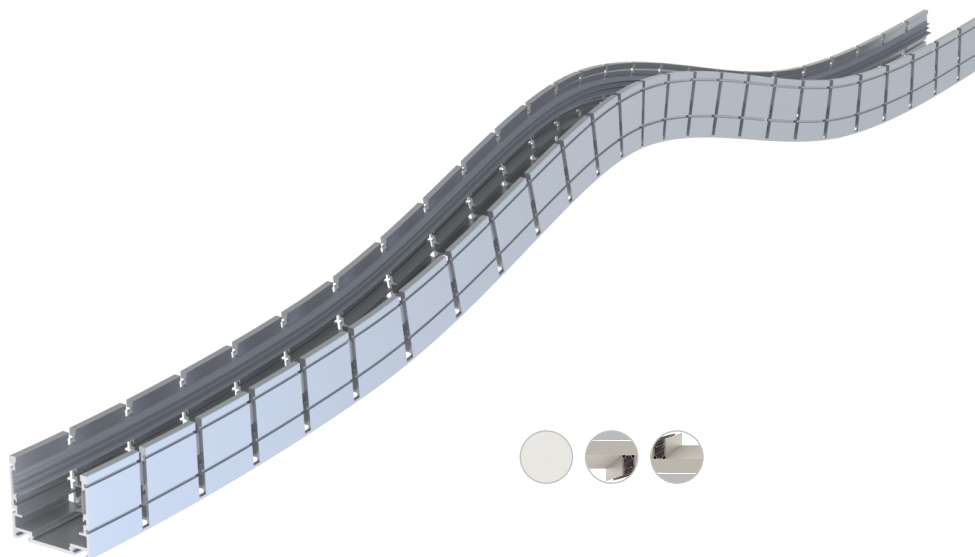
50mm, 500mm, 1000mm, 2000mm

Note – It's IK08 rated when the light is put in this type of mounting profile.

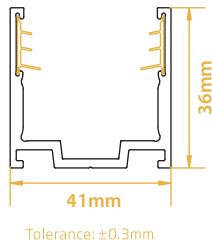
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

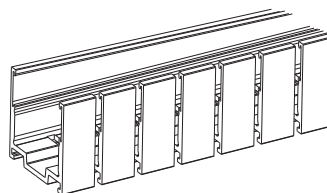
Bendable Serrated Aluminium Profile VB



Dimensions: mm



FXN – 3525 – BSA/PL – 500MM – AL – VB



Available Lengths:

50mm, 500mm, 1000mm, 2000mm

Note – It's IK08 rated when the light is put in this type of mounting profile.

FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

Bendable Anole Profile



30+
Times
Clamping Force



Kids
Friendly



Solvents
Resistant



Saltwater
Resistant



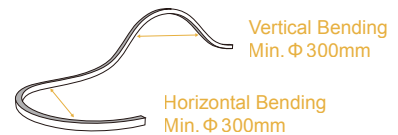
UV
Resistant



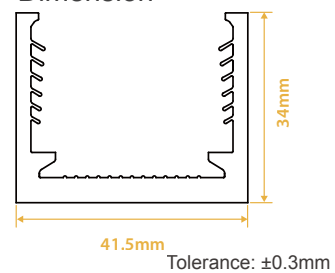
Flame
Resistant

FXN - 2219 - BA/PL - 200MM - A
FXN - 2219 - BA/PL - 500MM - A
FXN - 2219 - BA/PL - 1000MM - A

APPEARANCE COLOR



Dimension



Standard Length

200mm, 500mm, 1000mm

Installation Methods



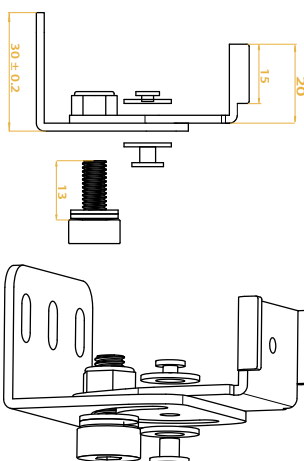
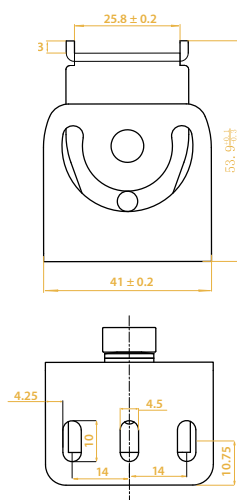
FXN 3525 | FLEXIBLE NEON

BRACKETS

Adjustable Mounting Bracket



Dimensions: mm



FXN – 3525 – B – AM

* 180° Rotation

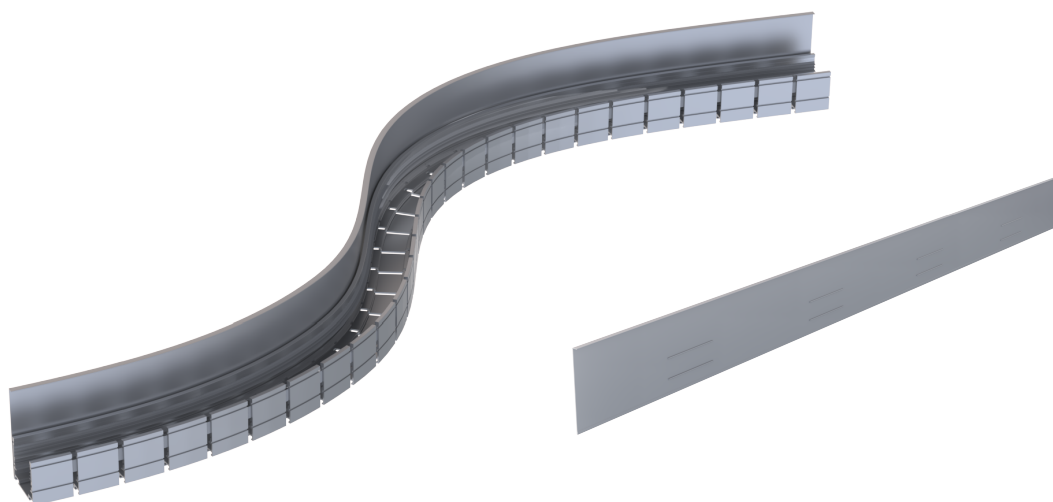
* 304 Stainless Steel

Note – Its rotation angle will be restricted if the bracket is applied to the bending profile.

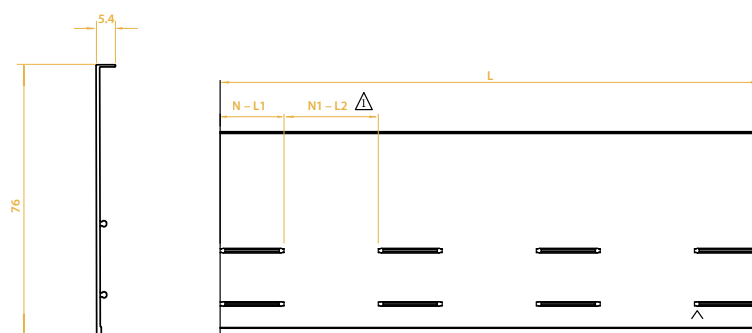
FXN 3525 FLEXIBLE NEON

SHIELD

Bendable Aluminium Glare Shield



Dimensions: mm



FXN – 3525 – S – BAG

Min. Bending Diameter 1200mm
Available Lengths: 1000mm, 2000mm
 Note – it's not suitable for the vertical bending profile.

