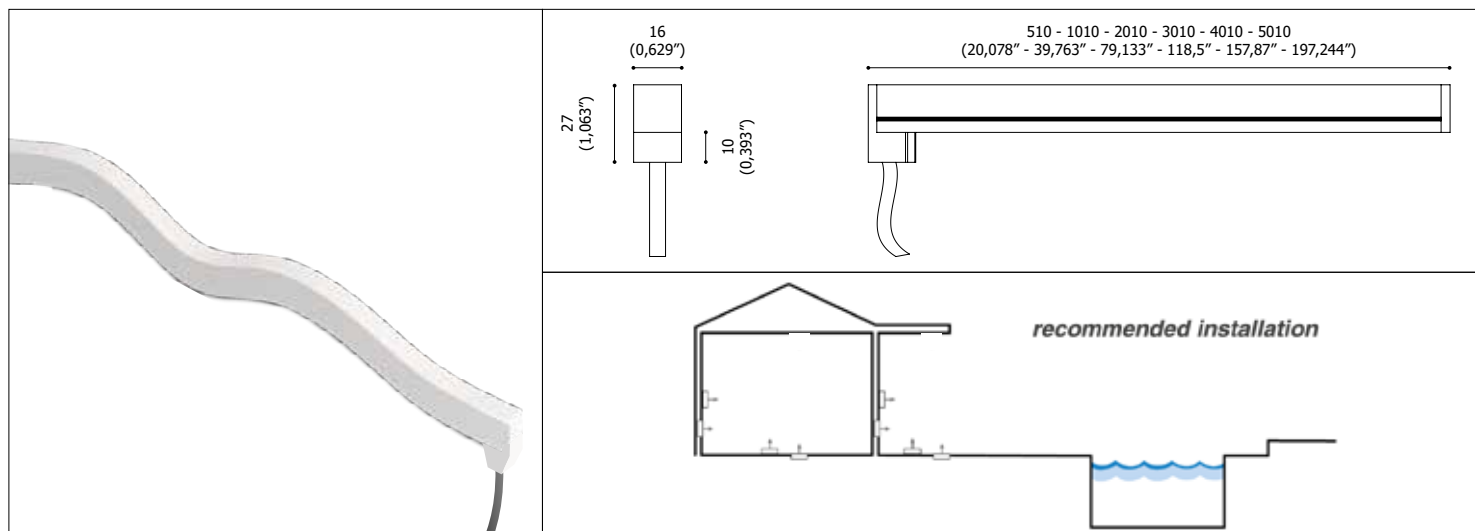


# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## FLEXI P top MONOCHROMATIC

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional top bendable lighting fixture for indoor, outdoor and underwater installation  
Body completely realized in flexible resin. UV resistance of all materials.

#### TECHNICALS FEATURES:

<b>Materials</b>	Resins
<b>Power Supply</b>	24 Vdc constant voltage ( $\pm 5\%$ )
<b>Power</b>	15 W/m
<b>Light Source</b>	120 SMD LED/m
<b>Pitch</b>	8,3 mm (0,326")
<b>Colour Temperature</b>	2700 K; 3000 K; 3500 K; 4500 K
<b>Lifetime</b>	> 50000 h (TM21)
<b>Optics</b>	Opal diffuser 116°
<b>Tc body</b>	< 75 °C (167 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C * (-22 ÷ 122 °F) *for UL/CUL max 40 °C elevated ambient
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Ti suitable installation temperature</b>	15 ÷ 40 °C (59 ÷ 104 °F)
<b>Storage temperature</b>	-30 ÷ 85 °C (-22 ÷ 185 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	AWM style 20233 2x 0,75mm <sup>2</sup> AWG18 (red-black) ext ø 5,2 mm (0,205") L. 1 m (3,28 ft)
<b>Weigth</b>	300 g/m (3,22 oz/ft)
<b>Installations</b>	Recessed or surface mounted (ground, wall)
<b>Norms</b>	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/ C250.-08



#### NOTE:

Power supplies, control&dimming devices and fixing kits must to be orderd separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power.  
Photometric data available at [www.aldabra.it](http://www.aldabra.it)

# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## FLEXI P top MONOCHROMATIC

### DATA-SHEET

**GENERAL FEATURES:**

	power (W)	length mm (in)	pitch mm (in)
<b>FLX.01.XXXW1.1</b>	8	510 (20,08") +/- 1,5 mm (0,059")	8,3 (0,326")
<b>FLX.02.XXXW1.1</b>	15	1010 (39,76") +/- 3 mm (0,118")	8,3 (0,326")
<b>FLX.03.XXXW1.1</b>	30	2010 (79,13") +/- 6 mm (0,236")	8,3 (0,326")
<b>FLX.04.XXXW1.1</b>	45	3010 (118,5") +/- 9 mm (0,354")	8,3 (0,326")
<b>FLX.05.XXXW1.1</b>	60	4010 (157,87") +/- 12 mm (0,472")	8,3 (0,326")
<b>FLX.06.XXXW1.1</b>	75	5010 (197,24") +/- 15 mm (0,59")	8,3 (0,326")

**OPTICAL FEATURES:**

FLX.XX.DXXW1.1	Opal diffuser
FLX.XX.TXXW1.1	Transparent diffuser

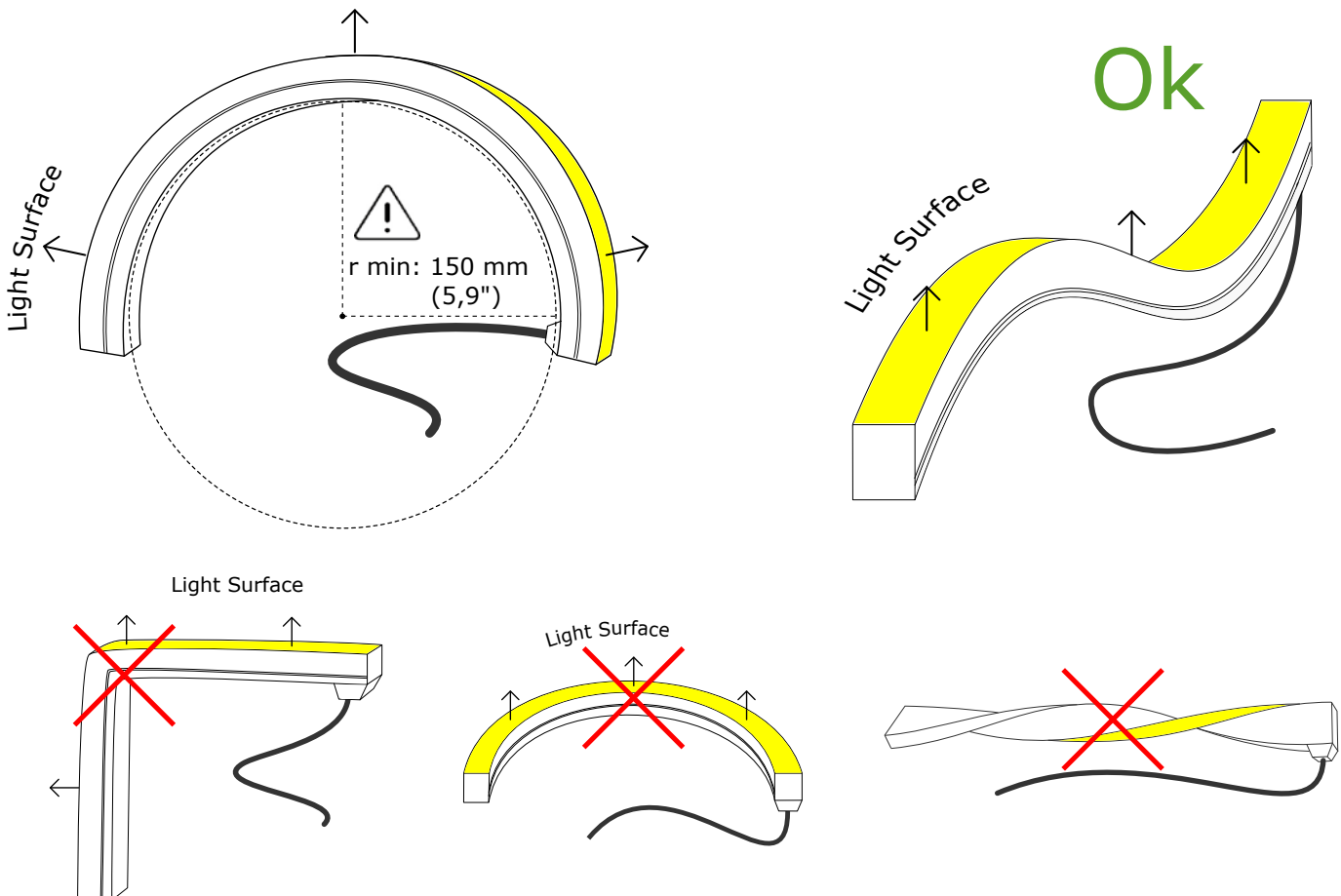
**LED FEATURES:**

	Mid Power LED	lm/m*	Ra	Chromatic selection
FLX.XX.X27W1.1	2700 K warm white	486	>80	MacAdam 3-step
FLX.XX.X30W1.1	3000 K warm white	505	>80	MacAdam 3-step
FLX.XX.X35W1.1	3500 K neutral white	523	>80	MacAdam 3-step
FLX.XX.X45W1.1	4500 K cool white	561	>80	MacAdam 3-step

\*delivered luminous flux (opal)

**FINISHES FEATURES:**

FLX.XX.XXXW1.1	Matt white
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# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

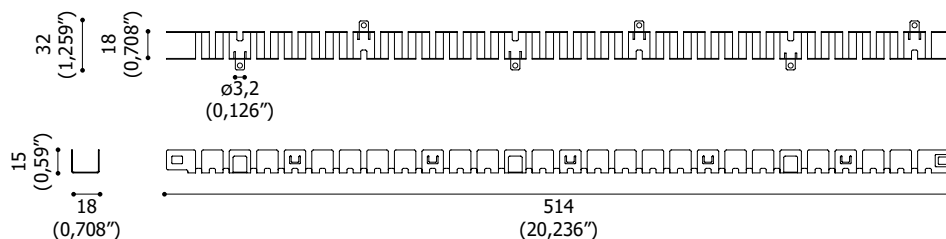
## FLEXI P top MONOCHROMATIC

### DATA-SHEET

#### RECESSING BOX:

##### CSF.0113.0

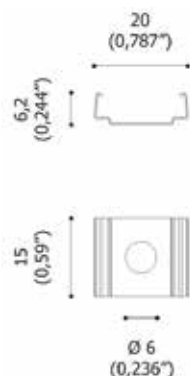
modular connectable/cuttable  
recessing box in stainless steel  
10 pieces package - (5 m - 16,4 ft)



#### ACCESSORIES:

##### ACC.0216.0

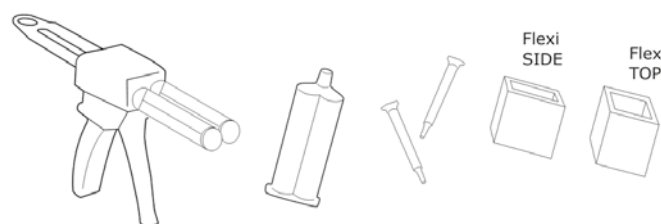
fixing spring for Flexi Top - 5 pieces package



##### ACC.0266.0

Sealing kit with gun

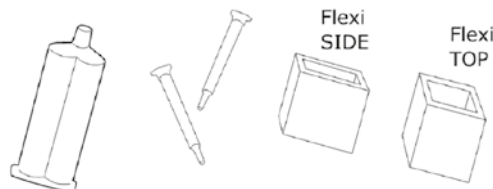
Including: a dispense gun, one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



##### ACC.0267.0

Sealing kit with gun

Including: one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



##### ACC.0274.0

containment element for Flexi Side  
5 pieces package

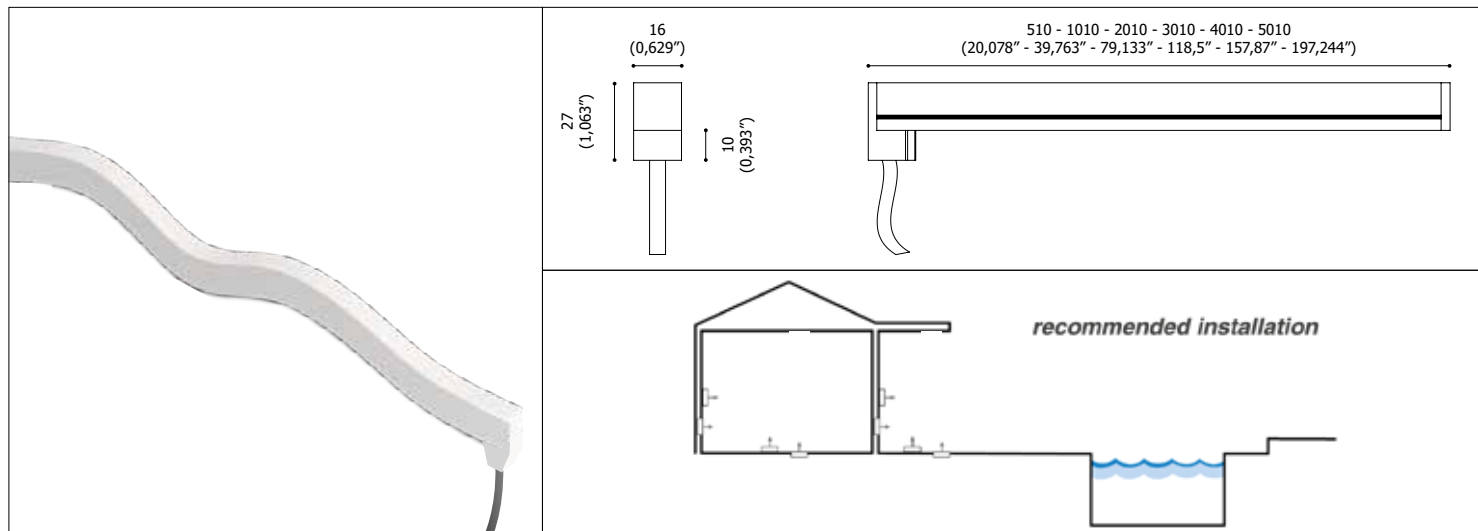


#### GENERAL INFORMATIONS:

Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the LED lighting fittings and their power supply units and control gears are installed must be equipped with proper devices for the protection and suppression of transient phenomena (SPD, isolation transformer, etc...). Such devices must be coordinated with the other protections of the installation; on this theme, it's necessary to refer to the electrical installations norms which are in force in each country.

## FLEXI P top RGB

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional top bendable lighting fixture for indoor, outdoor and underwater installation  
Body completely realized in flexible resin. UV resistance of all materials.

#### TECHNICALS FEATURES:

<b>Materials</b>	Resins
<b>Power Supply</b>	24 Vdc constant voltage (±5%)
<b>Power</b>	18 W/m
<b>Light Source</b>	120 SMD LED/m
<b>Pitch</b>	8,3 mm (0,326")
<b>Colour Temperature</b>	R=625nm, G=525nm, B=470nm
<b>Lifetime</b>	> 50000 h (L80B20)
<b>Optics</b>	Opal diffuser 116°
<b>Tc body</b>	< 75 °C (167 °F)
<b>Ta operating temperature (on surface)</b>	- 30 ÷ 50 °C * (-22 ÷ 122 °F) *for UL/CUL max 40 °C elevated ambient
<b>Ta operating temperature (recessed)</b>	- 30 ÷ 40 °C (-22 ÷ 104 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Ti suitable installation temperature</b>	15 ÷ 40 °C (59 ÷ 104 °F)
<b>Storage temperature</b>	-30 ÷ 85 °C (-22 ÷ 185 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	AWM style 20233 1x 0,75 mm <sup>2</sup> AWG18 (red) + 3x 0,5 mm <sup>2</sup> AWG20 (red-black/green-black/blue-black) ext ø 6,5 mm (0,256") L. 1 m (3,28 ft)
<b>Weigth</b>	300 g/m (3,22 oz/ft)
<b>Installations</b>	Recessed or surface mounted (ground, wall)
<b>Norms</b>	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/ C250.-08



#### NOTE:

Power supplies, control&dimming devices and fixing kits must to be orderd separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power.  
Photometric data available at [www.aldabra.it](http://www.aldabra.it)

## FLEXI P top RGB

### DATA-SHEET

#### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>FLX.01.X90W1.1</b>	9	510 (20,08") +/- 1,5 mm (0,059")	8,3 (0,326")
<b>FLX.02.X90W1.1</b>	18	1010 (39,76") +/- 3 mm (0,118")	8,3 (0,326")
<b>FLX.03.X90W1.1</b>	36	2010 (79,13") +/- 6 mm (0,236")	8,3 (0,326")
<b>FLX.04.X90W1.1</b>	54	3010 (118,5") +/- 9 mm (0,354")	8,3 (0,326")
<b>FLX.05.X90W1.1</b>	72	4010 (157,87") +/- 12 mm (0,472")	8,3 (0,326")
<b>FLX.06.X90W1.1</b>	90	5010 (197,24") +/- 15 mm (0,59")	8,3 (0,326")

#### OPTICAL FEATURES:

FLX.XX. <b>D</b> 90W1.1	Opal diffuser
FLX.XX. <b>T</b> 90W1.1	Transparent diffuser

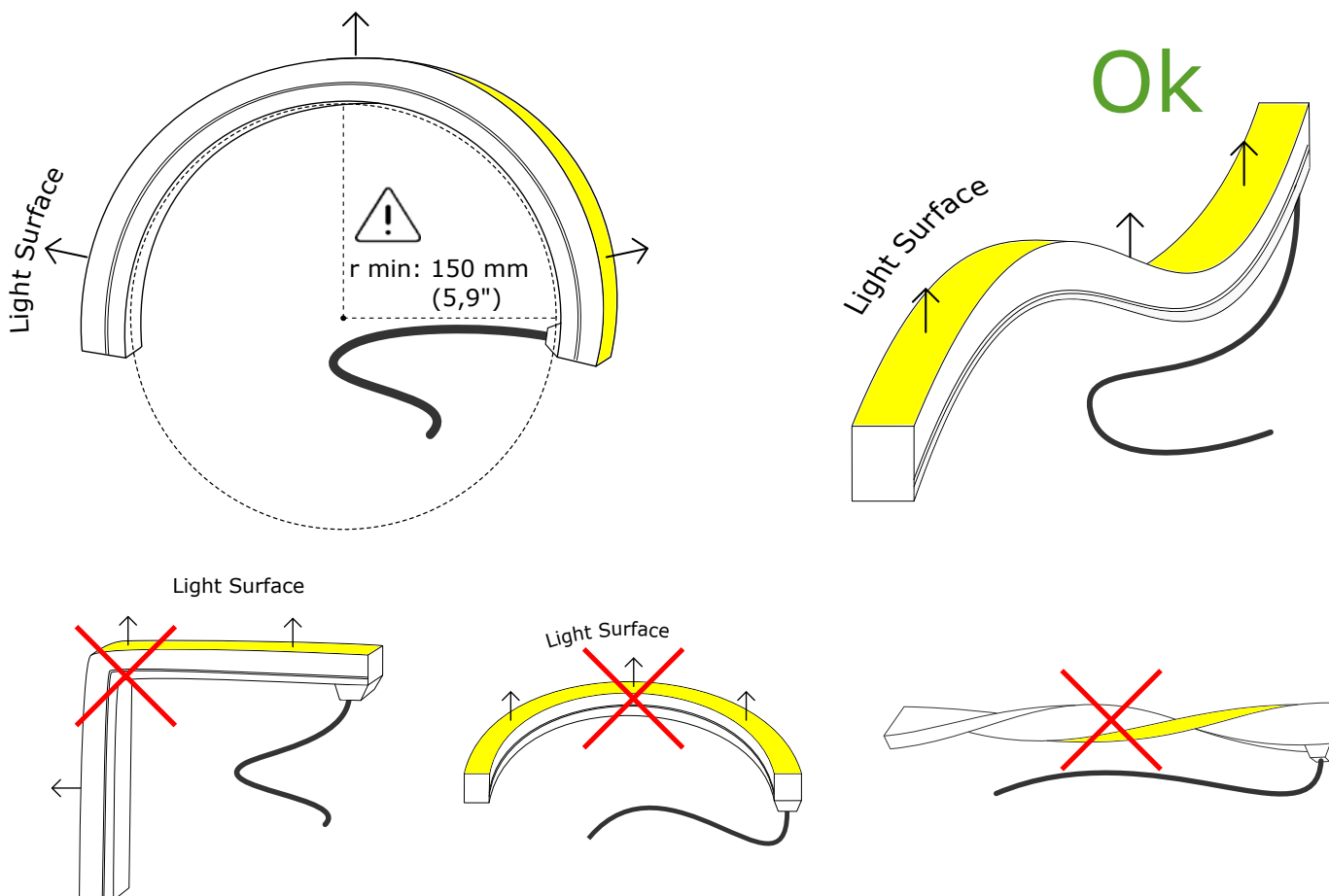
#### LED FEATURES:

	Signal LED	lm/W*
FLX.XX.X <b>90</b> W1.1	R, G, B	292

\*delivered luminous flux (opal)

#### FINISHES FEATURES:

FLX.XX.X <b>90W1.1</b>	Matt white
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# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

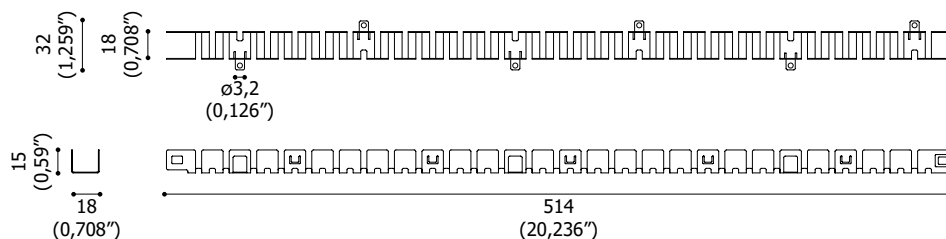
## FLEXI P top RGB

### DATA-SHEET

#### RECESSING BOX:

##### CSF.0113.0

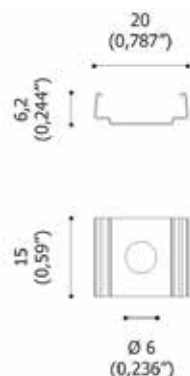
modular connectable/cuttable  
recessing box in stainless steel  
10 pieces package - (5 m - 16,4 ft)



#### ACCESSORIES:

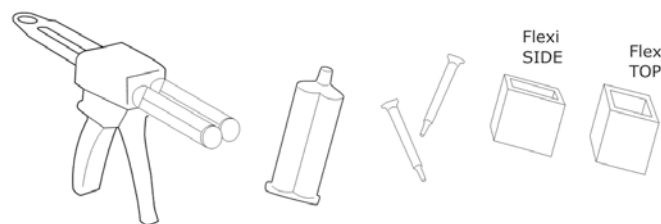
##### ACC.0216.0

fixing spring for Flexi Top - 5 pieces package



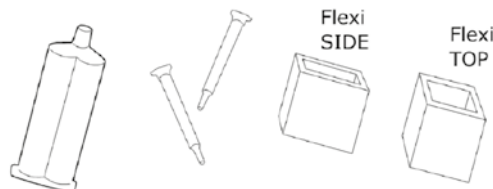
##### ACC.0266.0

Sealing kit with gun  
Including: a dispense gun, one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



##### ACC.0267.0

Sealing kit with gun  
Including: one cartridge of bi-component fast resin,  
two mixing spouts, two containment elements for resin



##### ACC.0274.0

containment element for Flexi Side  
5 pieces package



#### GENERAL INFORMATIONS:

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