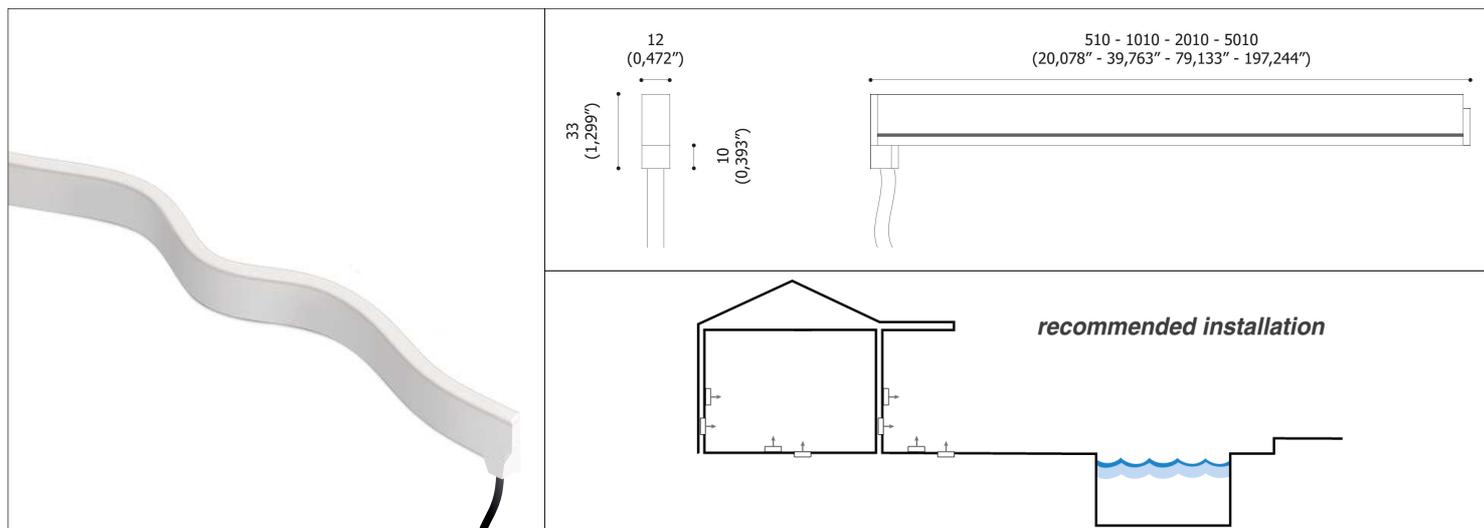


# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## FLEXI side MONOCHROMATIC

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional flexible linear lighting for signal lighting suitable for indoor and outdoor settings. 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
<b>Power</b>	10 W/m
<b>Light Source</b>	Mid Power LED
<b>Pitch</b>	8,3 mm (0,326")
<b>Colour Temperature</b>	2700K ; 3000K ; 3500K ; 4500K
<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 2x0,75mm <sup>2</sup> (AWG18) Red;Black L. 1 m (3,28 ft)
<b>Weigth</b>	300 g/m (3,22 oz/ft)
<b>Installations</b>	Recessed or surface (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



IP68 1 m (3,28 ft) x 2 hours

#### 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)

Specifications are subject to change without notice.

[www.aldabra.it](http://www.aldabra.it)

# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## FLEXI side MONOCHROMATIC

### DATA-SHEET

#### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>FLX.07.XXXXX.X</b>	5	510 (20,078") +/- 1,5 mm (0,059")	8,3 (0,326")
<b>FLX.08.XXXXX.X</b>	10	1010 (39,763") +/- 3 mm (0,118")	8,3 (0,326")
<b>FLX.09.XXXXX.X</b>	20	2010 (79,133") +/- 6 mm (0,236")	8,3 (0,326")
<b>FLX.12.XXXXX.X</b>	50	5010 (197,244") +/- 15 mm (0,59")	8,3 (0,326")

#### OPTICAL FEATURES:

FLX.XX.DXXXX.X	Opal diffuser 116°
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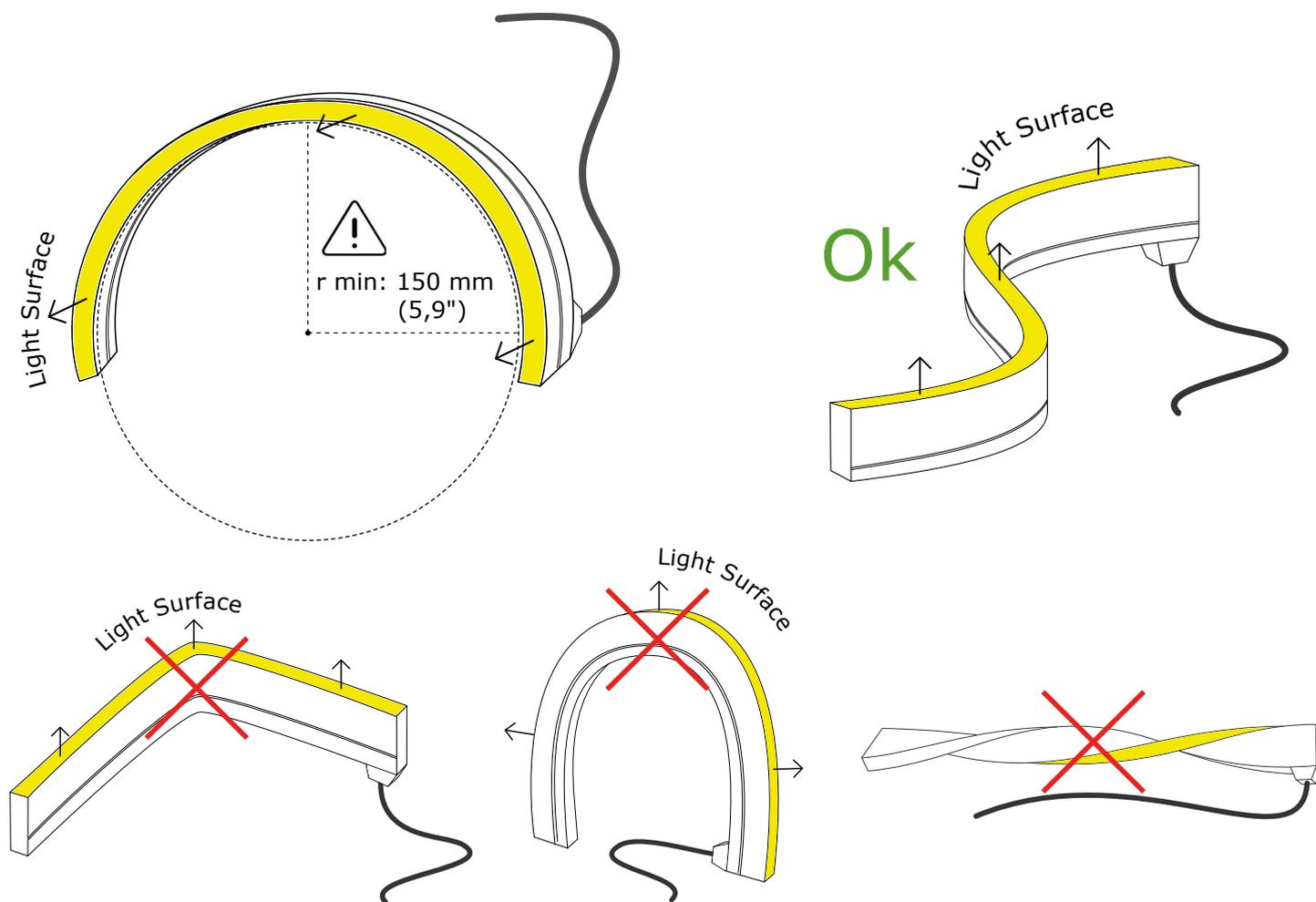
#### LED FEATURES:

	Mid Power LED	lm/m*	Ra	Chromatic selection
FLX.XX.X27XX.X	2700K warm white	349	>80	MacAdam 3-step
FLX.XX.X30XX.X	3000K warm white	362	>80	MacAdam 3-step
FLX.XX.X35XX.X	3500K neutral white	375	>80	MacAdam 3-step
FLX.XX.X45XX.X	4500K cool white	402	>80	MacAdam 3-step

\*delivered luminous flux (opal)

#### FINISHES FEATURES:

FLX.XX.XXXW1.X	Matt white
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# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

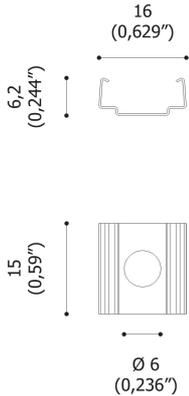
## FLEXI side MONOCHROMATIC

### DATA-SHEET

#### ACCESSORIES:

##### ACC.0189.0

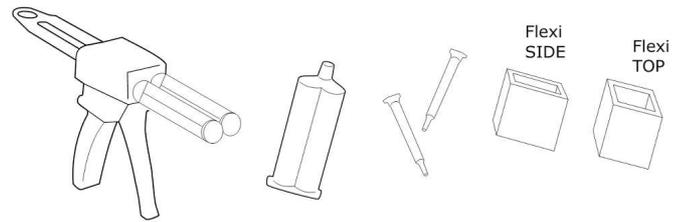
fixing spring for Flexi Side - 5 pieces package



##### ACC.0266.0

Sealing kit with gun

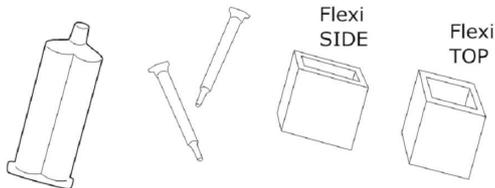
Including: a dispense gun, one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



##### ACC.0267.0

Sealing kit with gun

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



##### ACC.0275.0

containment element for Flexi Side  
5 pieces package



#### GENERAL INFORMATIONS:

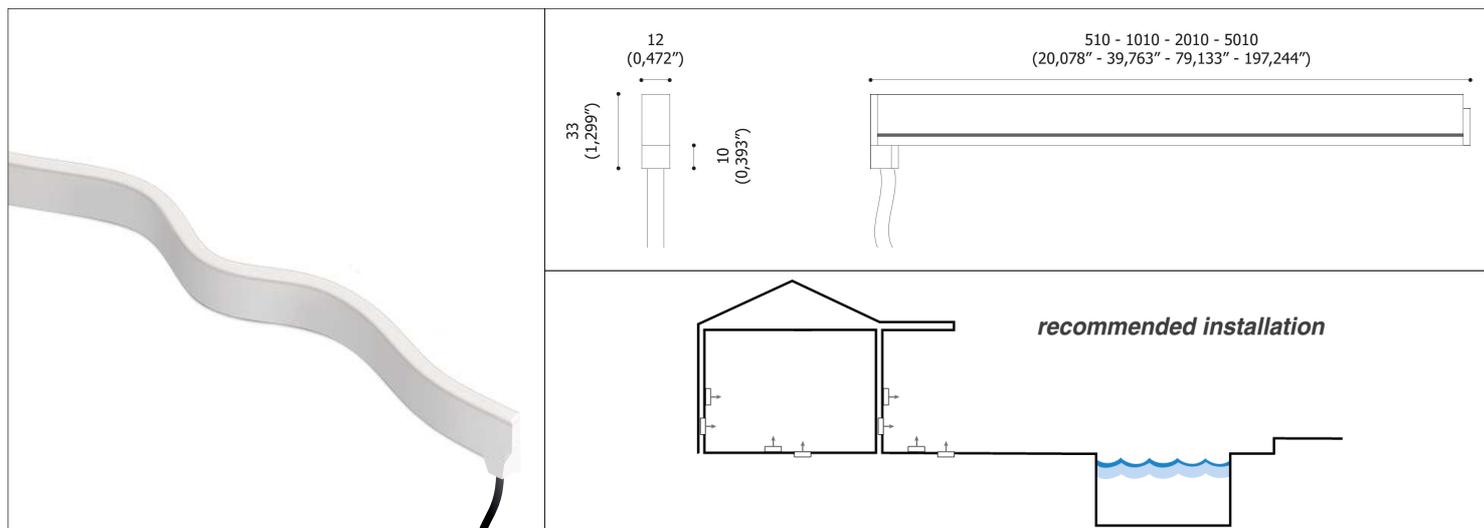
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the 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 to 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.

# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## FLEXI side RGB

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional flexible linear lighting for signal lighting suitable for indoor and outdoor settings. 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
<b>Power</b>	18 W/m
<b>Light Source</b>	Signal LED
<b>Pitch</b>	8,3 mm
<b>Dominant Wavelength</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 RGB</b>	AWM style 20233 1x0,75mm <sup>2</sup> (AWG18) Red+3x0,5mm <sup>2</sup> (AWG20) Red/black, Green/black, Blue/black L. 1 m (3,28 ft)
<b>Weigth</b>	300 g/m (3,22 oz/ft)
<b>Installations</b>	Recessed or surface (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)

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[www.aldabra.it](http://www.aldabra.it)

## FLEXI side RGB

### DATA-SHEET

#### GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
<b>FLX.07.XXXXX.X</b>	9	510 (20,078") +/- 1,5 mm (0,059")	8,3 (0,326")
<b>FLX.08.XXXXX.X</b>	18	1010 (39,763") +/- 3 mm (0,118")	8,3 (0,326")
<b>FLX.09.XXXXX.X</b>	36	2010 (79,133") +/- 6 mm (0,236")	8,3 (0,326")
<b>FLX.12.XXXXX.X</b>	90	5010 (197,244") +/- 15 mm (0,59")	8,3 (0,326")

#### OPTICAL FEATURES:

FLX.XX.DXXXX.X	Opal diffuser 116
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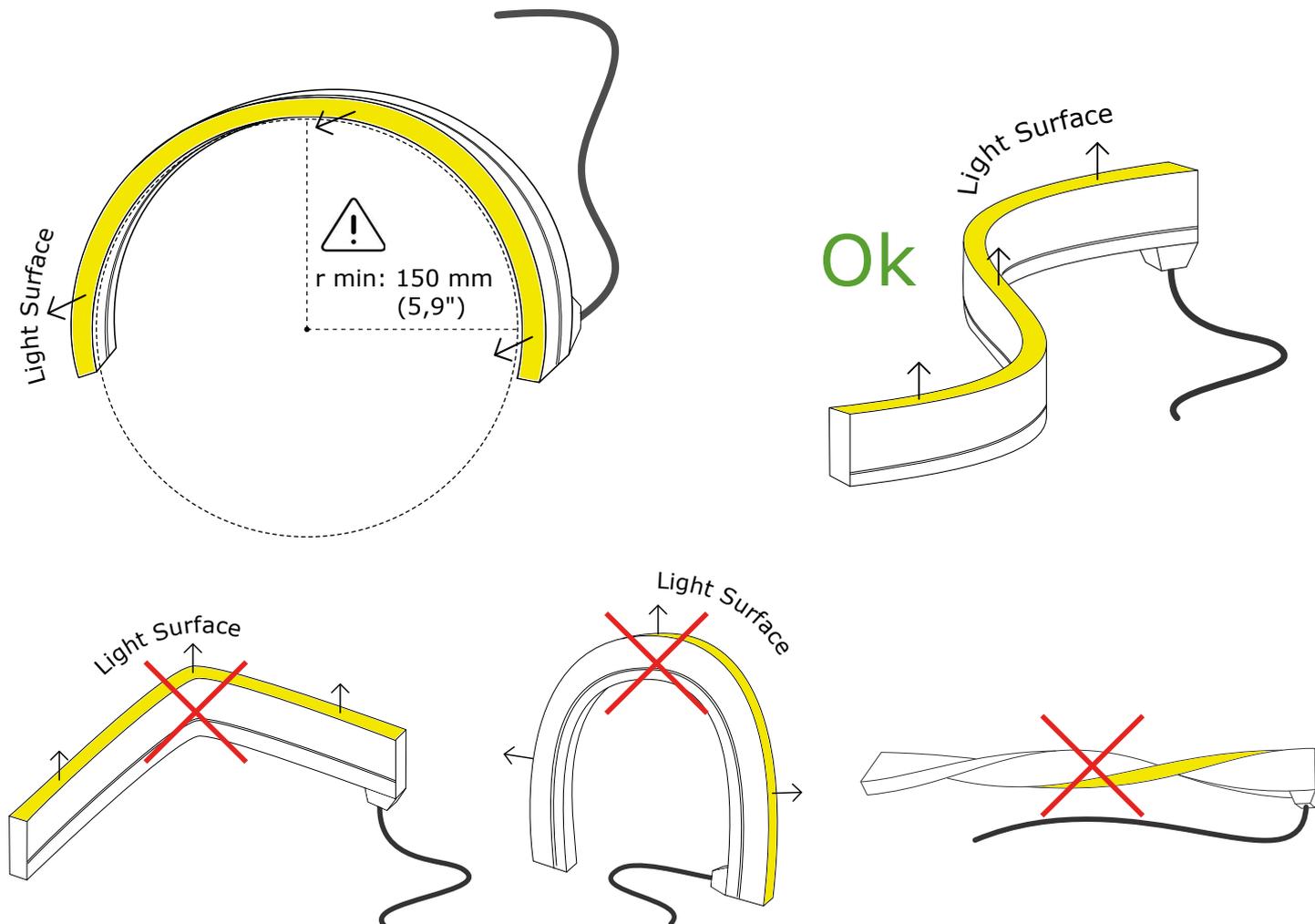
#### LED FEATURES:

	Signal LED	lm/W*
FLX.XX.X90XX.X	R, G, B	134

\*delivered luminous flux (opal)

#### FINISHES FEATURES:

FLX.XX.XXXW1.X	Matt white
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# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

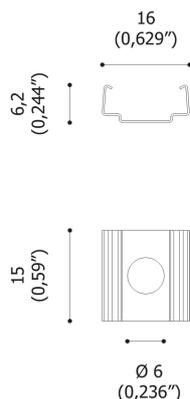
## FLEXI side RGB

### DATA-SHEET

#### ACCESSORIES:

##### ACC.0189.0

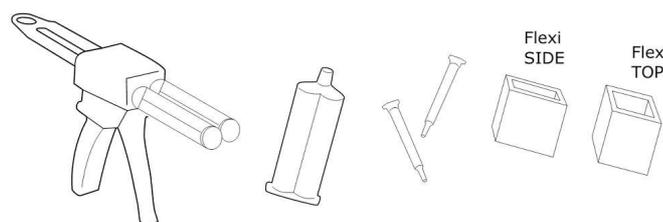
fixing spring for Flexi Side - 5 pieces package



##### ACC.0266.0

Sealing kit with gun

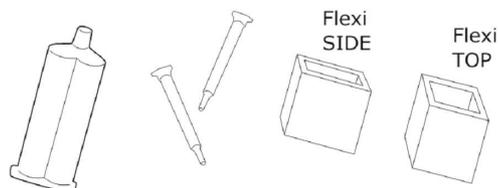
Including: a dispense gun, one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



##### ACC.0267.0

Sealing kit with gun

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



##### ACC.0275.0

containment element for Flexi Side

5 pieces package



#### GENERAL INFORMATIONS:

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