

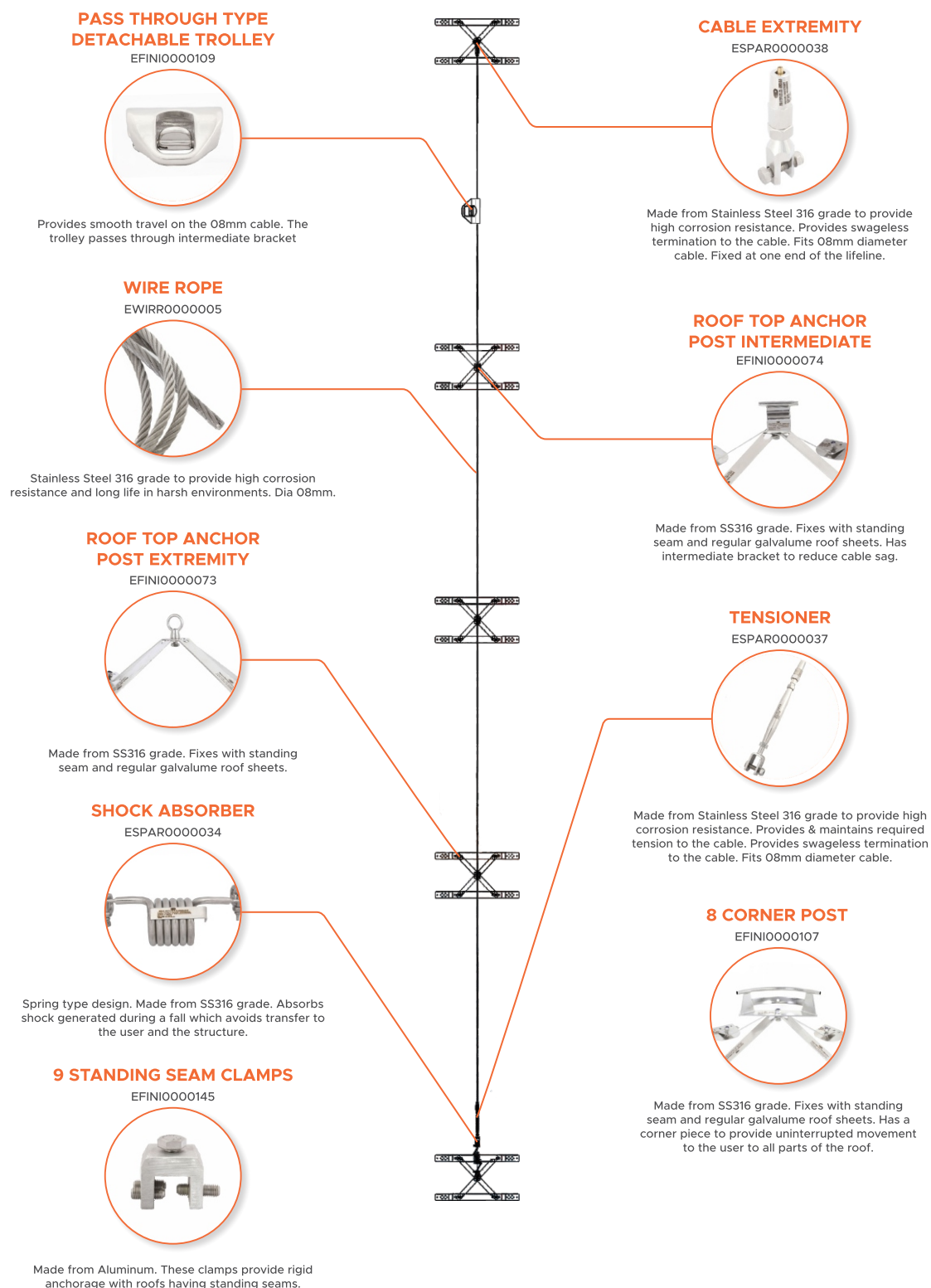


## SAVIOUR HORIZONTAL FALL PROTECTION SYSTEM

Model No.: FXFP-OLS

# Saviour Horizontal Fall Protection System (EN 795 compliant)

The Saviour Horizontal Fall Protection System offers a robust and flexible safety system for working at heights, ensuring peace of mind during installation, maintenance, or cleaning tasks. This anchorage device features a flexible wire rope designed to withstand the rigors of industrial use. Key components include shuttles that glide along the wire, energy-absorbing shock absorbers, secure intermediate anchors, and reliable end anchors. Versatile and dependable, it is an ideal choice for industrial plants, rooftop operations, crane work, and applications involving vehicles.



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## BILL OF QUANTITY

Sr. No:	Component Name	Item Code	Quantity
1.	SS 316 Roof Top Anchor Post Extremity	RMFP-FL-OT-00022-1	2
2.	SS Cable End Swage Tensioner	RMFP-FL-OT-00030	1
3.	Spring Type Shock Absorber	RMFP-FL-OT-00025	1
4.	SS Cable 8mm	RMFP-FL-OT-00029	As per requirement
5.	Saviour SS 316 Pass through Trolley	RM-FP-FL-SV-0003	As per no. of users
6.	Kernmantle Rope with Rope Length Adjuster - 10mtrs	RMFP-FL-OT-00028	As per requirement
7.	SS 316 Roof Top Anchor Post Intermediate	RMFP-FL-OT-00022	As per requirement
8.	SS 316 Intermediate Bracket	RMFP-FL-OT-00034	As per requirement
9.	Saviour SS 316 Cable Extremity	RM-FP-FL-SV-0004	1
10.	Full Body Harness with polyamide Double lanyard scaffold hook with shock absorber	FG-FP-OT-SH-00105	As per no. of users
11.	SS 316 Corner Piece	RMFP-FL-OT-00043	As per no. of bends

## SYSTEM OPERATIONS

- The system provides a continuous anchorage to the workman working of roofs. The system comprises of a wire rope which is installed on the roof. This wire rope runs along with entire length of the roof.
- The wire rope is held on the roof via specially made posts and pass through brackets. These posts are fixed on the roof and the pass through brackets allow the wire rope to pass through them thereby providing uninterrupted movement to the workman. These pass through brackets are installed at every 10 to 15 meters on the roof.
- A specially designed detachable trolley travels on this wire rope. The workman is attached to this trolley through a lanyard/Polyamide Rope of suitable length and glides along with him through the entire roof unobstructed.
- The system also consists of a shock absorber which is installed at one end of the lifeline. In case of a fall this shock absorber is designed to absorb the shock generated due to the fall and transfers minimum shock to the user and the roof structure.
- This system can be installed for various applications like roof sheets, PEB's, Walls, Ceilings and other such locations. This system can also be installed on roofs with standing seam sheet. For standing seam roofs specially designed posts are manufactured and fitted with the standing seam.

## COMPONENTS

### 1. Ss316 Roof Top Anchor Post Extremity (Model No: RMFP-FL-OT-00022-1)

The Eroof Top Anchor Post Extremity at each end of the lifeline system are installed on the roof sheet. Depending on the type of roof, these posts will either be forstanding seam roofs or regular roofs. Since this component is constantly exposed to the atmosphere they are made from stainless steel.

Material	SS-316
Breaking Strength (Min)	18KN



### 2. SS Cable End Swage Tensioner (Model No: RMFP-FL-OT-00030)

A Tensioner is a tested device located between the two anchorage points of the horizontal life line system (wire rope) and used for providing required tension to it so that the system is minimum and within the acceptable limit.

Material of Construction (MOC)	SS 316
Weight	1.4 kgs
Operating Temperature	-40°C to +60°C
Inspection Frequency	Yearly
Life Span	20 Years
Breaking strength (Min)	18KN
Contracted Length (Min)	400 mm
Extended Length (Max)	650 mm



### 3. Shock Absorber (RMFP-FL-OT-00025)

It is attached to one end of the lifeline. Its function is to absorb the shock generated due to the fall of the user and transfer minimum shock to the user and the structure.

Material of Construction (MOC)	SS 316
Weight	1.3 kgs
Operating Temperature	-40°C to +60°C
Inspection Frequency	Yearly
Life Span	20 Years
Breaking Strength (Min)	30KN

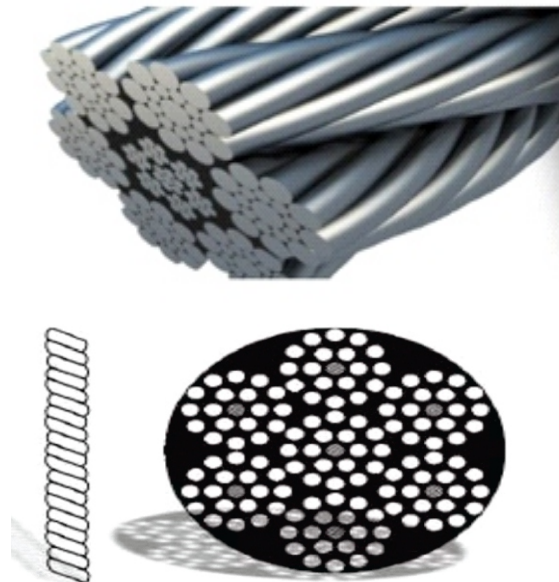




#### 4. SS Cable 8mm (Model No: RMFP-FL-OT-00029 )

Horizontal lifeline on which the retro guard fall arrest block moves.

Material of Construction (MOC)	SS 316
Diameter	08 mm
Construction	7 x 19
Minimum Breaking Strength	36 KN
Operating Temperature	-40°C to 60°C
Inspection Frequency	Yearly
Life Span	20 Years
Weight	50kg/100M



#### 5. Detachable Trolley (Model No: FLFX1-DTP )

It provides a smooth travel on the lifeline and also passes through the pass through brackets. It connects the person with the lifeline.

Material of Construction (MOC)	SS 316
Weight	0.750 kgs
Operating Temperature	-40°C to 60°C
Breaking Strength	36 KN
Inspection Frequency	Yearly
Life Span	5 Years
Static Strength (Min)	12 KN



#### 6. Saviour SS 316 Cable Extremity (Model No: RM-FP-FL-SV-0004)

It enables swageless termination of the lifeline at one end

Material of Construction (MOC)	SS 316
Weight	0.5 kgs
Operating Temperature	-40°C to 60°C
Inspection Frequency	Yearly
Life Span	20 Years



7. Ss316 Corner Piece (Model No: RMFP-FL-OT-00043 )

Many a times the roof design and the ladder access point will demand that the lifeline make a turn. This can be achieved by installing a component known as corner piece. This corner piece is installed between two pass trough brackets and fixed with the roof sheet.

Material of Construction (MOC)	SS 316
Weight	
Operating Temperature	-40° C to 60° C
Inspection Frequency	Yearly
Life Span	10 Years

