

## R-Tec Liner 2.0



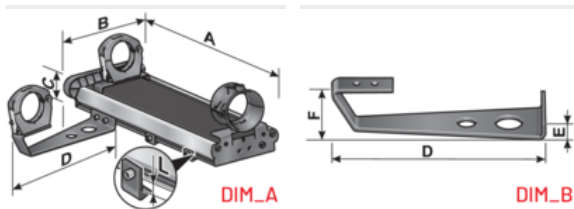
### Product information

Versatile, modular, and designed for demanding conditions. The R-Tec Liner 2.0 retraction system offers low-wear and efficient routing of dresspacks on robots. It protects cables and wires from damage and, thanks to constant length compensation, ensures even, taut routing that enables all movements of the robot.

Advantages at a glance:

- Modular: The base profile with different spring strengths can be combined with various sizes of corrugated conduits for flexible application options.
- Flexible routing: Can be used both linear and with deflection via cantilever.
- Positioning: With the help of the laterally integrated section groove and the mounting brackets, the retraction system can also be positioned and moved subsequently. Components can also be subsequently attached to the side of the section groove.
- Universal: The two variably positionable mounting brackets enable quick mounting on almost any robot, without the addition of a base plate.
- Open system: Due to the "open" system, the dresspack can be replaced in just a few simple steps.

### Information, conformities and approvals



Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table	Part_Hd_Col	Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table
<b>Retraction base</b>														
R-Tec Liner 2.0 400mm -100N	83694000				1	DIM_A								
R-Tec Liner 2.0 400mm -200N	83694002				1	DIM_A								
R-Tec Liner 2.0 400mm -300N	83694004				1	DIM_A								
<b>Conduit routing</b>														
R-Tec Liner 2.0 SF NW36	83694094	Black	M40/P36	M40/P36	1	DIM_C								
R-Tec Liner 2.0 SF NW48	83694096	Black	M50/P48	M50/P48	1	DIM_C								
R-Tec Liner 2.0 SF NW56	83694098	Black	NW 56	NW 56	1	DIM_C								
R-Tec Liner 2.0 SF NW70	83694100	Black	NW 70	NW 70	1	DIM_C								
R-Tec Liner 2.0 SF NW80	83694102	Black	NW 80	NW 80	1	DIM_C								
R-Tec Liner 2.0 SF NW95	83694104	Black	NW 95	NW 95	1	DIM_C								
<b>Cantilever</b>														

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Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table	Part_Hdl_Col	Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table
R-Tec Liner 2.0 AS NW36	83694058	Black	M40/P36	M40/P36	1	DIM_B								
R-Tec Liner 2.0 AS NW48	83694060	Black	M50/P48	M50/P48	1	DIM_B								
R-Tec Liner 2.0 AS NW56	83694062	Black	NW 56	NW 56	1	DIM_B								
R-Tec Liner 2.0 AS NW70	83694064	Black	NW 70	NW 70	1	DIM_B								
R-Tec Liner 2.0 AS NW80	83694066	Black	NW 80	NW 80	1	DIM_B								
R-Tec Liner 2.0 AS NW95	83694068	Black	NW 95	NW 95	1	DIM_B								
<b>Mounting kit bracket</b>														
R-Tec Liner 2.0 MS 40mm	83694080	Black			1	DIM_D								
R-Tec Liner 2.0 MS 100mm	83694081	Black			1	DIM_D								
<b>Mounting set screws for attachment to the robot</b>														
R-Tec Liner 2.0 MS-S M8	83694084	Black			1	DIM_D								
R-Tec Liner 2.0 MS-S M10	83694085	Black			1	DIM_D								
R-Tec Liner 2.0 MS-S M12	83694086	Black			1	DIM_D								
<b>Retraction base</b>														
R-Tec Liner 2.0 400mm -100N	83694000				1	DIM_A								
R-Tec Liner 2.0 400mm -200N	83694002				1	DIM_A								
R-Tec Liner 2.0 400mm -300N	83694004				1	DIM_A								
<b>Conduit routing</b>														
Includes: trumpet, system holder, inlay, screws	R-Tec Liner 2.0 SF NW36	83694094	Black	M40/P36	M40/P36	1	DIM_C							
Includes: trumpet, system holder, inlay, screws	R-Tec Liner 2.0 SF NW48	83694096	Black	M50/P48	M50/P48	1	DIM_C							

## R-Tec Liner 2.0

Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table	Part_Hdl_Col	Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table
Includes: trumpet, system holder, inlay, screws	R-Tec Liner 2.0 SF NW56	83694098	Black	NW 56	NW 56	1	DIM_C							
Includes: trumpet, system holder, inlay, screws	R-Tec Liner 2.0 SF NW70	83694100	Black	NW 70	NW 70	1	DIM_C							
Includes: trumpet, system holder, inlay, screws	R-Tec Liner 2.0 SF NW80	83694102	Black	NW 80	NW 80	1	DIM_C							
Includes: trumpet, system holder, inlay, screws	R-Tec Liner 2.0 SF NW95	83694104	Black	NW 95	NW 95	1	DIM_C							
<b>Cantilever</b>														
Includes: cantilever, system holder, inlay, screws, slot nuts	R-Tec Liner 2.0 AS NW36	83694058	Black	M40/P36	M40/P36	1	DIM_B							
Includes: cantilever, system holder, inlay, screws, slot nuts	R-Tec Liner 2.0 AS NW48	83694060	Black	M50/P48	M50/P48	1	DIM_B							
Includes: cantilever, system holder, inlay, screws, slot nuts	R-Tec Liner 2.0 AS NW56	83694062	Black	NW 56	NW 56	1	DIM_B							
Includes: cantilever, system holder, inlay, screws, slot nuts	R-Tec Liner 2.0 AS NW70	83694064	Black	NW 70	NW 70	1	DIM_B							
Includes: cantilever, system holder, inlay, screws, slot nuts	R-Tec Liner 2.0 AS NW80	83694066	Black	NW 80	NW 80	1	DIM_B							
Includes: cantilever, system holder, inlay, screws, slot nuts	R-Tec Liner 2.0 AS NW95	83694068	Black	NW 95	NW 95	1	DIM_B							
<b>Mounting kit bracket</b>														

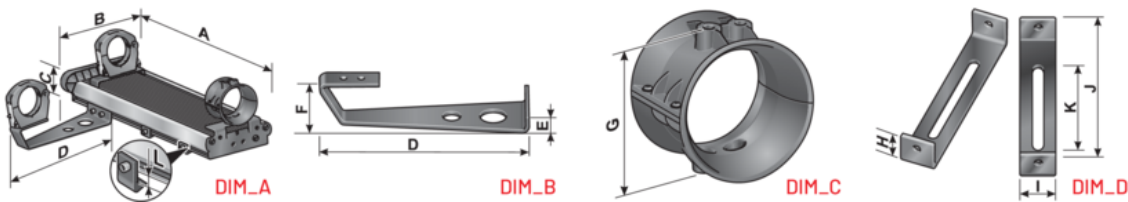
## R-Tec Liner 2.0

Article	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table	Part_Hdl_ColArticle	Order No.	Color	Suitable for EW-PAE	Suitable for EWX-PAE	PU pcs.	Dimension table
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Includes: 2x mounting brackets, screws, slot nuts	R-Tec Liner 2.0 MS 40mm	83694080	Black			1	DIM_D						
	R-Tec Liner 2.0 MS 100mm	83694081	Black			1	DIM_D						

### Mounting set screws for attachment to the robot

	R-Tec Liner 2.0 MS-S M8	83694084	Black			1	DIM_D						
Includes: screws, washers	R-Tec Liner 2.0 MS-S M10	83694085	Black			1	DIM_D						
Includes: screws, washers	R-Tec Liner 2.0 MS-S M12	83694086	Black			1	DIM_D						



Article	Order No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm
R-Tec Liner 2.0 400mm -100N	83694000	686	265	88									
R-Tec Liner 2.0 400mm -200N	83694002	686	265	88									
R-Tec Liner 2.0 400mm -300N	83694004	686	265	88									

### Conduit routing

R-Tec Liner 2.0 SF NW36	83694094							96					
R-Tec Liner 2.0 SF NW48	83694096							96					
R-Tec Liner 2.0 SF NW56	83694098							130					
R-Tec Liner 2.0 SF NW70	83694100							130					
R-Tec Liner 2.0 SF NW80	83694102							160					
R-Tec Liner 2.0 SF NW95	83694104							160					

## R-Tec Liner 2.0

Article	Order No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm
<b>Cantilever</b>													
R-Tec Liner 2.0 AS NW36	83694058				354	39	79						
R-Tec Liner 2.0 AS NW48	83694060				354	39	79						
R-Tec Liner 2.0 AS NW56	83694062				354	39	79						
R-Tec Liner 2.0 AS NW70	83694064				354	39	79						
R-Tec Liner 2.0 AS NW80	83694066				354	39	79						
R-Tec Liner 2.0 AS NW95	83694068				354	39	79						
<b>Mounting kit bracket</b>													
R-Tec Liner 2.0 MS 40mm	83694080								40	40	215	132	10
R-Tec Liner 2.0 MS 100mm	83694081								100	40	215	132	70
<b>Mounting set screws for attachment to the robot</b>													
R-Tec Liner 2.0 MS-S M8	83694084								40	40	215	132	10
R-Tec Liner 2.0 MS-S M10	83694085								40	40	215	132	10
R-Tec Liner 2.0 MS-S M12	83694086								40	40	215	132	10

### Material properties



Aluminium  
Steel  
mod. polyamide PA 6