



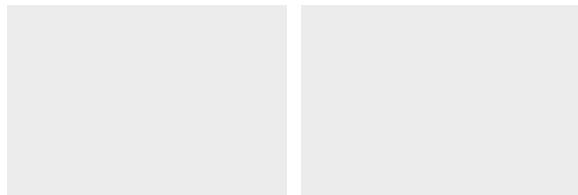
## Type EW-R-PP-LS



### Product information

- simple, lightweight version - for the installation of pre-assembled cables
- flexible conduit for simple dynamic applications
- medium mechanical load
- resource-saving through recycled material
- for mechanical engineering and chemical plants

### Information, conformities and approvals



Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-R-PP-LS 06	83201402	Black	✓				6.4	9.8	14/60	1.5	100
EW-R-PP-LS M10/P07	83201406	Black	✓	M10	PG07	NW 7	8.3	11.5	21/70	1.6	100
EW-R-PP-LS M12/P09	83201408	Black	✓	M12	PG09	NW 10	9.9	12.9	26/80	2.0	100
EW-R-PP-LS M16/P11	83201410	Black	✓	M16	PG11	NW 12	12.1	15.7	33/100	2.8	100
EW-R-PP-LS M20/P16	83201416	Black	✓	M20	PG16	NW 17	15.6	21	46/180	4.2	100
EW-R-PP-LS M25/P21	83201420	Black	✓	M25	PG21	NW 23	22.3	28.3	59/230	7.0	100
EW-R-PP-LS M32/P29	83201426	Black	✓	M32	PG29	NW 29	28	34.3	70/280	9.0	50
EW-R-PP-LS M40/P36	83201430	Black	✓	M40	PG36	NW 36	34.9	42.1	86/310	12.5	25
EW-R-PP-LS M50/P48	83201434	Black	✓	M50	PG48	NW 48	46.9	54	107/350	17.4	25

### Material properties



Polypropylene (PP)



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### Material properties



High angle consistency

>210 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C  
>350 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>1000000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C



Impact strength

4.5 According to IEC EN 61386 M25/P21 Testing at -25 °C



System tear-out strength

>360 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting SVT

### Thermal properties



Temperature / temperature range

-40 °C - 130 °C

### Fire properties



Fire classification

acc. to UL94: HB

### Chemical resistances



Resistant to:

Alcohol  
Greases  
Fuels  
Lyes  
Mineral oils  
Weak acids

### Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2

### Conformity



RoHS (EC Directive 2011/65/EU)



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### Approvals and operating permits



ECOLAB approval

### Classification

ETIM 9: EC001175  
ECLASS 14: 27430305

### General information



Made in Germany

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