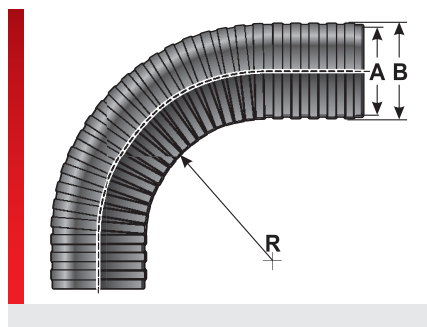
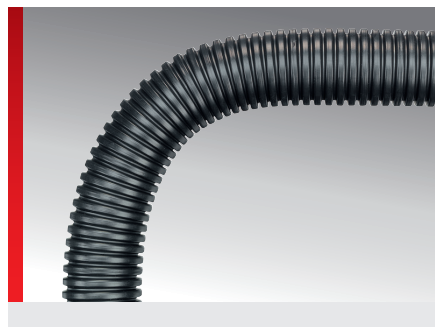


Type EW-R-PP



PRODUCT INFORMATION

- flexible conduit for simple dynamic applications
- medium mechanical load
- resource-saving through recycled material
- for mechanical engineering and chemical plants

SPECIFICATIONS

	mod. polypropylene
	Crush resistance: 650 N
	According to IEC EN 61386 Cycles: > 1000000 ~
	According to IEC EN 61386 Tier: 4.5
	According to IEC EN 61386 System tear-out strength: > 430 N
	-40 – 130 °C short term 150 °C
	acc. to UL94: HB
	Alcohol Greases Fuels Lyes Mineral oils Weak acids

Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EW-R-PP 06	83201202	Black	✓	6.40	9.80	14.00	60.00	1.50	100
EW-R-PP 06S ¹⁾	83201204	Black	✓	6.40	9.80	14.00	60.00	1.50	100
EW-R-PP M10/P07	83201206	Black	✓	8.30	11.50	21.00	70.00	1.50	100
EW-R-PP M10/P07, drum	83205104	Black	✓	8.30	11.50	21.00	70.00	1.50	1900
EW-R-PP M12/P09	83201208	Black	✓	9.90	12.90	26.00	80.00	2.00	100
EW-R-PP M12/P09, drum	83205106	Black	✓	9.90	12.90	26.00	80.00	2.00	1500
EW-R-PP M16/P11	83201211	Black	✓	12.10	15.70	33.00	100.00	2.80	200
EW-R-PP M16/P11, drum	83205108	Black	✓	12.10	15.70	33.00	100.00	2.90	1000
EW-R-PP M16/P11	83201210	Black	✓	12.10	15.70	33.00	100.00	3.00	100
EW-R-PP M16/P11S	83201212	Black	✓	12.60	15.60	33.00	100.00	2.80	100
EW-R-PP M18/P13	83201214	Black	✓	14.30	18.30	40.00	160.00	4.00	100
EW-R-PP M18/P13, drum	83205110	Black	✓	14.30	18.30	40.00	160.00	4.00	750
EW-R-PP M20/P16	83201216	Black	✓	15.60	21.00	46.00	180.00	4.30	100
EW-R-PP M20/P16, drum	83205112	Black	✓	15.60	21.00	46.00	180.00	4.30	450
EW-R-PP M20/P16S	83201218	Black	✓	16.80	20.80	45.00	170.00	4.80	100
EW-R-PP M25/P21	83201220	Black	✓	22.30	28.30	59.00	230.00	8.20	100

Type EW-R-PP

Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EW-R-PP M25/P21, drum	83205116	Black	✓	22.30	28.30	59.00	230.00	8.20	330
	83201223	Black	✓	22.30	28.30	59.00	230.00	7.00	700
EW-R-PP M25/P21S	83201222	Black	✓	23.10	28.30	59.00	230.00	7.00	100
EW-R-PP M32/P29	83201226	Black	✓	28.00	34.30	70.00	280.00	7.70	50
EW-R-PP M32/P29, drum	83205120	Black	✓	28.00	34.30	70.00	280.00	3.96	240
EW-R-PP M32/P29S	83201228	Black	✓	29.30	34.00	70.00	280.00	7.90	50
EW-R-PP M40/P36	83201230	Black	✓	35.50	42.30	86.00	310.00	13.50	25
EW-R-PP M40/P36S	83201232	Black	✓	36.00	42.10	86.00	310.00	13.50	25
EW-R-PP M50/P48	83201234	Black	✓	47.40	53.90	107.00	350.00	17.40	25
EW-R-PP M50/P48S	83201236	Black	✓	47.70	53.90	107.00	350.00	17.40	25
EW-R-PP 70	83201240	Black	✓	67.80	79.80	160.00	600.00	40.00	25
¹) Discontinued product!									

MATERIAL PROPERTIES



Material
mod. polypropylene



High angle consistency
Crush resistance: 650 N; Testing method: According to IEC EN 61386; Test value: M25/P21



Flexural fatigue strength
Cycles: > 1000000 ~; Testing method: According to IEC EN 61386; Test value: M25/P21



Impact strength
Tier: 4.5; Testing method: According to IEC EN 61386



System tear-out strength
System tear-out strength: > 430 N; Testing method: According to IEC EN 61386; Test value: M25/P21

THERMAL PROPERTIES



Temperature / temperature range
-40 – 130 °C short term 150 °C

FIRE PROPERTIES



Fire classification
acc. to UL94: HB

CHEMICAL RESISTANCE



Resistant to:
Alcohol
Greases
Fuels
Lyes
Mineral oils
Weak acids

Type EW-R-PP

TECHNICAL INFORMATION



Halogen-free



UV-resistant acc. to ISO 4892-2

We recommend black color

APPROVALS AND OPERATING PERMITS



ECOLAB approval

F&E/P3-ENr. 40-1

GENERAL INFORMATION



Made in Germany

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described.

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