

## Ementelle Plöj slang



### Product Description

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Ementelle Plöj slang is designed for protection of various cables.

Ementelle SRE-P is a strong PE100 pipe, with a wall thickness according to SDR11, designed for extreme conditions like installation above ground.

Ementelle SRS is a strong pipe with a wall thickness according to SDR17 designed for hard conditions when installing into the ground. The product contains carefully selected recycled material to meet the high standard required of our customers and still have a positive environmental impact.

### Features

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- Can be supplied with stripes for easy identification.
- Supplied in coils or lengths.
- Can be connected by using electro fusion, butt welding or mechanical fittings, depending on dimension.
- Can be supplied with a Low friction liner.
- Ementelle have a special coil trailer for easy handling of the coils – To see it in action follow QR code below.



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## Dimensions and Supply length

SRE-P:

E-number	Emtelle Product code	Product Description	Supply length
0666439	051707050/GR/250	50/41 SRE-P Black+Green Stripe,250m	250m
0666440	051707050/GU/250	50/41 SRE-P Black+Yellow Stripe,250m	250m
0666441	051707050/S/250	50/41 SRE-P Black,250m	250m
0666442	051707075/GR/250	75/61 SRE-P Black+Green Stripe,250m	250m
0666443	051707075/GU/250	75/61 SRE-P Black+Yellow Stripe,250m	250m
0666444	051707075/S/250	75/61 SRE-P Black,250m	250m
0666445	051707075/GR/400	75/61 SRE-P Black+Green Stripe,400m	400m
0666446	051707075/GU/400	75/61 SRE-P Black+Yellow Stripe,400m	400m
0666447	051707075/S/400	75/61 SRE-P Black,400m	400m
0666448	051707090/GR/250	90/74 SRE-P Black+Green Stripe,250m	250m
0666449	051707090/GU/250	90/74 SRE-P Black+Yellow Stripe,250m	250m
0666450	051707090/s/250	90/74 SRE-P Black,250m	250m
0666451	051707090/GR/400	90/74 SRE-P Black+Green Stripe,400m	400m
0666452	051707090/GU/400	90/74 SRE-P Black+Yellow Stripe,400m	400m
0666453	051707090/s/400	90/74 SRE-P Black,400m	400m
0666454	051707110/GR/250	110/90 SRE-P Black+Green Stripe,250m	250m
0666455	051707110/GU/250	110/90 SRE-P Black+Yellow Stripe,250m	250m
0666456	051707110/S/250	110/90 SRE-P Black,250m	250m
0666457	051707125/GR/250	125/103 SRE-P Black+Green Stripe,250m	250m
0666458	051707125/GU/250	125/103 SRE-P Black+Yellow Stripe,250m	250m
0666459	051707125/S/250	125/103 SRE-P Black,250m	250m
0666460	051707140/GR/125	140/114 SRE-P Black+Green Stripe,125m	125m
0666461	051707140/GU/125	140/114 SRE-P Black+Yellow Stripe,125m	125m
0666462	051707140/S/125	140/114 SRE-P Black,125m	125m
0666463	051707160/GR/130	160/131 SRE-P Black+Green Stripe,130m	130m
0666464	051707160/GU/130	160/131 SRE-P Black+Yellow Stripel,130m	130m
0666465	051707160/S/130	160/131 SRE-P Black,130m	130m
0666466	051707225/GR/12	225/184 SRE-P Black+Green Stripe,12m	12m
0666467	051707225/GU/12	225/184 SRE-P Black+Yellow Stripe,12m	12m
0666468	051707225/S/12	225/184 SRE-P Black,12m	12m

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SRS:

E-number	Emtelle Product code	Product Description	Supply length
0666362	050707050/GR/250	50/44 SRS Black+Green Stripe,250m	250m
0666363	050707050/GU/250	50/44 SRS Black+Yellow,250m	250m
0666365	050707075/GR/250	75/66 SRS Black+Green Stripe,250m	250m
0666367	050707075/GU/250	75/66 SRS Black+Yellow,250m	250m
0666368	050707090/GR/250	90/79 SRS Black+Green Stripe,250m	250m
0666371	050707090/GU/250	90/79 SRS Black+Yellow,250m	250m
0666373	050707110/GR/250	110/97 SRS Black+Green Stripe,250m	250m
0666423	050707110/GU/250	110/97 SRS Black+Yellow,250m	250m
0666424	050707125/GR/250	125/110 SRS Black+Green Stripe,250m	250m
0666425	050707125/GU/250	125/110 SRS Black+Yellow,250m	250m
0666426	050707140/GR/125	140/123 SRS Black+Green Stripe,125m	125m
0666427	050707140/GU/125	140/123 SRS Black+Yellow,125m	125m
0666428	050707140/GR/250	140/123 SRS Black+Green Stripe,250m	250m
0666429	050707140/GU/250	140/123 SRS Black+Yellow,250m	250m
0666430	050707160/GR/130	160/141 SRS Black+Green Stripe,130m	130m
0666431	050707160/GU/130	160/141 SRS Black+Yellow,130m	130m
0666432	050707160/GR/250	160/141 SRS Black+Green Stripe,250m	250m
0666433	050707160/GU/250	160/141 SRS Black+Yellow,250m	250m
0666434	050707225/GR/12	225/198 SRS Black+Green Stripe,12m	12m
0666435	050707225/GU/12	225/198 SRS Black+Yellow,12m	12m

## Physical properties

Test	Standard	Result
Impact test 5 kg	EN 61386-24; Fall height acc. SS 424 14 37	OK
Ring Stiffness*	EN ISO 9969	≥ 8kN/m <sup>2</sup>
Yield stress	EN ISO 6259	>20 MPa
Longitudinal reversion	EN ISO 2505	<3%
OIT ≥ 20 min	EN ISO 11357	OK

\*Depends on SDR class – lower SDR class results in higher ring stiffness

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## Recommendation of Installation tension

SRS – SDR 17			SRE-P – PE 100 SDR 11		
OD [mm]	Max installation tension [kN]*	Max installation tension [kg]*	OD [mm]	Max installation tension [kN]*	Max installation tension [kg]*
50	1.1	113	50	7.2	736
75	2.5	254	75	16.0	1 635
90	3.6	366	90	23.2	2 365
110	5.4	547	110	34.6	3 526
125	6.8	697	125	44.8	4 567
140	8.6	876	140	55.9	5 701
160	11	1 146	160	73.4	7 488
225	22	2 272	225	144.9	14 738

\*Safety factor 8

\*Safety factor 2

For specific dimensions not included in above contact your Emtelle sales representative

## Packaging and Labelling

All products suitably packaged in recyclable materials and clearly labelled with Emtelle Product Code and Description where possible.

## Change Documentation

Issue 1

DK\_DS\_Plöjslang

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