

HDPE Heat Shrink Pipe Selection Guide List

<i>Type</i>	<i>PMSL</i>	<i>SGNH</i>	<i>SMCH</i>	<i>SMRL</i>	<i>SGYH</i>
Kind of shrink product	Pipe	Sleeve	Sleeve	Sleeve	Sleeve
Material	HDPE	HDPE	HDPE	HDPE	HDPE
Sizes mm	63 - 1200	70 - 1000	25 - 200	35 - 190	90 – 1350
Max length mm	1500	1000	1500	1500	500
Wall thickness before/after shrinkage	3,5/3,5	1,2/2,0	1,0-2,0	1,0-2,0	0,8-1,8
Shrinkage	Low shrinkage	High shrinkage	Low shrinkage	Low shrinkage	High shrinkage
Shrinkage in %	10	50	65	30	60
Kind of glue	Mastix	Glue	Mastix	Mastix	Glue
Electrical Isolation	Yes	Not tested	Yes	Yes	Yes
Longitudinal force-locking	Yes	No	No	No	No
Lap Shear N/mm²	0,6	0,4	0,6	0,4	0,4
Peel Strength N/mm	3,4	3	3,5	3,1	2,9
Shear Strength N/mm²	0,35	0,26	0,4	0,22	0,29
Tensile strength Mpa	21	18	14	20	19
Pressure Resistance bar	0,3	0,2	0,3	0,3	0,2
PTI compliance Post Tensioning Institute	Yes	Yes	Yes	Yes	Yes
DVGW approval German Gas+Water Society	No	No	Yes	No	No