Socket Joint Type for Resin Pipe

LV-Connector

Simple installation with only socket joint of LV connector for resin pipes of PVC (VP, VU), etc.

受注生産品

Feature

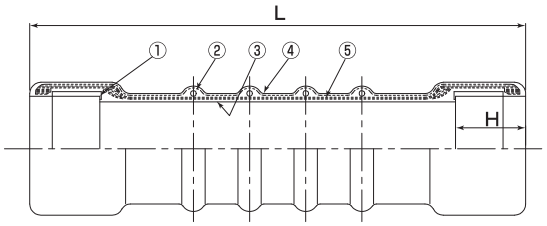
Simple Installation

Simple installation with only socket jointing. Please refer to the below figures for installation.

Filled Arch

No fear of sludge sediment due to straight inner rubber.

Construction



No.	Parts	Material	No.	Parts	Material
①	Socket	PVC	④	Outside Rubber	Synthetic Rubber
②	Reinforcing Ring	Mild Steel (SS400)	⑤	Reinforcing Fiber	Synthetic Fiber
③	Inside Rubber	Synthetic Rubber			

- The material is combined use for aboveground and underground.
- The product is filled arch type of inner rubber.

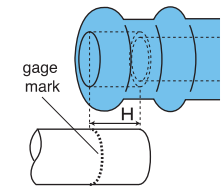
Classification

Lateral Movement
100 mm and 200 mm

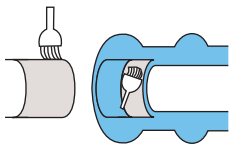
Aboveground / Underground Applications	Max. Working Pressure Mpa (kgf/cm²)
Combined use of aboveground and underground. Negative Pressure: −0.1 MPa (−760 mmHg)	Less than 0.5 (5.1)

Max. Working Temp.
60°C / 70°C

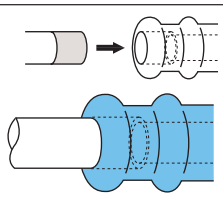
Installation



Measure H dimension from the edge of socket and make a marked line.



Apply adhesive to a collet of socket inside and to outside of inserting part (up to a marked line).



Insert the inserting part up to a marked line. Adhesion will be completed after drying.

Dimensions and Allowable Movements

Nominal Dia. [mm]	Applicable O. D. of pipes	H [mm]	100 mm Lateral Movement 4 – Bellow [mm]				200 mm Lateral Movement 6 – Bellow [mm]			
			L	Elon.	Comp.	Mass[kg]	L	Elon.	Comp.	Mass[kg]
50	60	50	500	40	50	5	650	60	70	7
65	76	60	500	40	50	7	650	60	70	8
80	89	65	500	40	50	8	650	60	70	9
100	114	75	500	40	50	10	650	60	70	12
125	140	90	600	40	50	12	700	60	70	14
150	165	110	600	40	50	15	750	60	70	18
200	216	130	600	40	50	20	750	60	70	24
250	267	130	700	40	50	24	850	60	70	28
300	318	130	700	40	50	33	880	60	70	38

L. = Overall Length Elon. = Elongation Comp. = Compression

- Mass indicates the weight for underground type.
- Please use each movement within allowable movements.
- Please note that the information in the above table is for single movement only.
  In case of complex movements, please do adjustment by using the following formula.
  C.A.E. (C.A.C.) = A.A.E.(A.A.C.) × $\{1-(\frac{T.M.}{A.T.M}+\frac{A.M.}{A.A.M})\}$
  C.A.E. (C.A.C.): Correct Elongation Movement (Correct Compression Movement)
  A.A.E. (A.A.C.): Allowable Elongation Movement (Allowable Compression Movement)
  A.T.M.: Allowable Transverse Movement
  A.A.M.: Allowable Angular Movement

Note:The contents of this catalogue are subject to change without notice.

Agent : TOZEN Corporation