

upg PIPE
SYSTEMS

REINERT-RITZ



Sliding Joint - Chamber Connections



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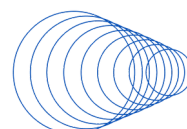
● SLIDING JOINT - CHAMBER CONNECTIONS

- EPDM rubber puddle flange assembled with stainless steel strips
- With elastic O-ring inside to perform sliding joint
- Max. 1 bar dynamic pressure

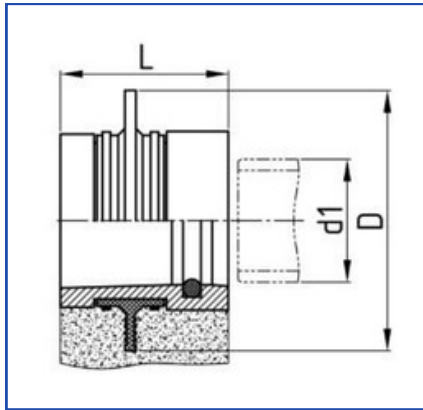
Optional: standard as 150mm or 240mm. 150mm is standard stock in NZ
Custom lengths can be ordered as required

Application: concreted into position, it functions as a sliding pipe connection; sealing against the concrete as well as the pipe. Rubber puddle flange provides a water stop

Specifications	Details
Body materials	PE100 (single-piece homogeneous)
Wall seal	EPDM rubber puddle flange with stainless steel bands
Pipe seal	Elastic EPDM O-ring
Installation type	Floating bearing (pipe can move slightly)
Standard lengths	150mm or 240mm (150mm stocked in NZ)
Custom sizes	Available on request
Installation timing	New construction or retrofit
Pipe entry	Should be chamfered and use pipe lubricant
Sealing location	Against both masonry and pipe
Standards	DIN EN 10204, DIN EN ISO 9001, DIN EN ISO 50001
Approvals/certificates	DIN EN 10204 inspection certificate 3.1 on semi-finished product with MFR and OIT; PE100 material per PE100+ Association
Manufacturing	PE100+ Association compliant; DIN EN ISO 9001 quality assurance; single-piece homogeneous PE body; DIN EN 10204 certificates included; manufacturer certified to ISO 9001:2015 and ISO 50001:2011



SLIDING JOINT - CHAMBER CONNECTIONS



Chamfer pipe before inserting

Use pipe lubrication on O ring and pipe before insertion

Dimensions			Weight/ kg	
PE pipe size = d_1	FL	D	L=150	L=240
110	10	230	1.3	2.1
125	10	255	1.4	2.1
140	10	270	1.7	2.6
160	10	295	2	3.3
180	15	320	2.1	3.4
200	15	320	1.9	3.3
225	15	345	2	3.3
250	20	370	2.9	4.9
280	20	410	2.6	4.2
315	20	415	3.2	5
355	20	460	4.3	6.6
400	20	510	5.3	8.2
450	20	560	5.9	9.1
500	20	620	7.5	11.4
560	20	690	9.8	15
630	20	770	12.9	20.1
710	30	860	16.2	25.4
800	30	960	20.2	31.8
900	40	1060	23.6	37.8
1000	40	1250	24.7	41.9

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