

29-EC SERIES - EXPANSION COUPLING

APPLICATIONS:

- Excellent for use in repairing broken lines or when adding additional lines or fittings, expansion repair couplings can be used to fill gaps in broken pipe
- Simple installation with glue
- Recommended for cold water applications only

FEATURES:

- Available in 1/2" to 2" sizes
- Made of White Schedule 40 Type 1 Grade 1 PVC (Poly Vinyl Chloride) material
- IPS Spigot * IPS socket

SPECIFICATIONS:

- Internal self-lubricating EPDM O-ring for long life and smooth movement
- Spigot end O.D. conform to ASTM D1785 Standard Specification for Poly (Vinyl Chloride) PVC Plastic Pipe, Schedules 40, 80, 120
- IPS Socket End Diameters conform to ASTM D2466-06 Standard Specification for Poly (Vinyl Chloride) PVC Plastic Pipe Fittings, Schedule 40

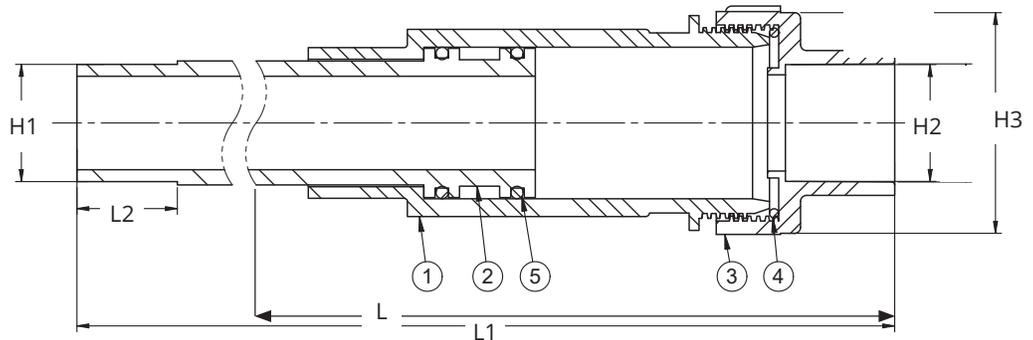


MAXIMUM EXTENSION	
Size	Length (in)
1/2"	8.64-6.73=1.91
3/4"	9.82-7.56=2.26
1"	11.32-8.78=2.54
1-1/4"	12.48-9.78=2.70
1-1/2"	12.74-9.80=2.94
2"	14.34-11.28=3.06

MATERIAL LIST		
No.	Part Name	Material
1	Body	UPVC (Unplasticized Polyvinyl Chloride)
2	Slider	UPVC (Unplasticized Polyvinyl Chloride)
3	Union Nut	UPVC (Unplasticized Polyvinyl Chloride)
4	O-Ring	EPDM (Ethylene Propylene Diene Monomer)
5	O-Ring	EPDM (Ethylene Propylene Diene Monomer)

RATINGS:

- Maximum pressure rating: 150 PSI at 73°F (23°C)



DIMENSIONS															
Part No.	Size	L		L1		L2		H1		H2		H3		Weight	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	grams
29-EC05	1/2"	6.73	171.00	8.64	219.50	0.81	20.50	0.84	21.34	0.85	21.54	1.81	46.10	0.30	136.08
29-EC07	3/4"	7.56	192.00	9.82	249.50	1.02	26.00	1.05	26.67	1.06	26.87	2.03	51.50	0.40	181.44
29-EC10	1"	8.78	223.00	11.32	287.50	1.13	28.60	1.31	33.40	1.32	33.65	2.49	63.30	0.67	303.91
29-EC12	1 1/4"	9.78	248.50	12.48	317.00	1.25	31.80	1.66	42.16	1.67	42.42	2.90	73.70	0.95	430.91
29-EC15	1 1/2"	9.80	249.00	12.74	323.50	1.31	33.40	1.90	48.26	1.91	48.56	3.17	80.50	1.15	521.63
29-EC20	2"	11.28	286.50	14.34	364.30	1.36	34.50	2.37	60.32	2.39	60.63	3.65	92.60	1.62	734.82



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APPLICATIONS:

- Excellent for use in repairing broken lines or when adding additional lines or fittings, expansion repair couplings can be used to fill gaps in broken pipe
- Simple installation with glue
- Recommended for cold water applications only
- Can be used for use underground

FEATURES:

- Available in 2-1/2" to 4" sizes
- Made of White Schedule 40 Type 1 Grade 1 PVC (Poly Vinyl Chloride) material
- Grip-Lock: Patented internal rotation of spigot to body
- Easy grip handle

SPECIFICATIONS:

- Dual seal safety design
- IPS (Iron Pipe Size) HUB x IPS Spigot
- IPS is the same as Sch. 40
- Spigot is the same as pipe outside diameter
- HUB fits IPS pipe
- Piston must be extended 1.5" min

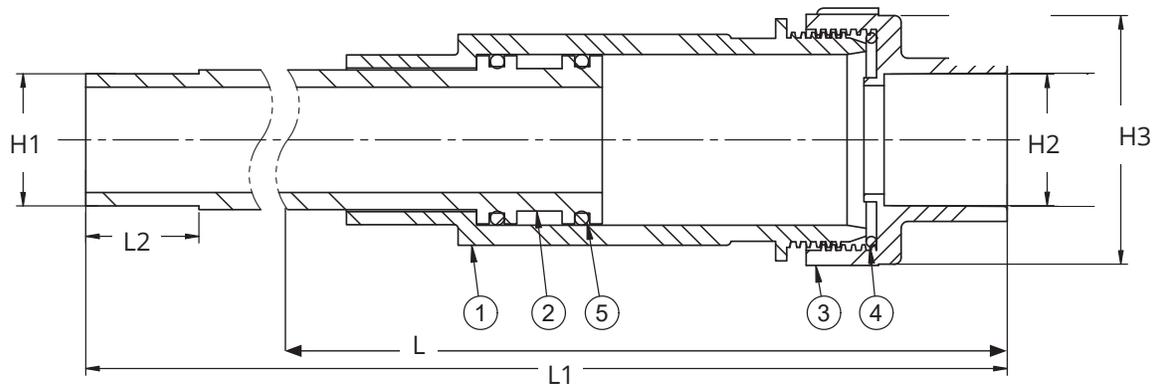
RATINGS:

- Maximum pressure rating: 200 PSI at 72°F (22°C)



MAXIMUM EXTENSION	
Size	Length (in)
2-1/2"	18.63-15.31=3.32
3"	20.88-16.75=4.13
4"	22.75-18.50=4.25

MATERIAL LIST		
No.	Part Name	Material
1	Body	UPVC (Unplasticized Polyvinyl Chloride)
2	Slider	UPVC (Unplasticized Polyvinyl Chloride)
3	Union Nut	UPVC (Unplasticized Polyvinyl Chloride)
4	O-Ring	EPDM (Ethylene Propylene Diene Monomer)
5	O-Ring	EPDM (Ethylene Propylene Diene Monomer)



DIMENSIONS															
Part No.	Size	L		L1		L2		H1		H2		H3		Weight	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	grams
29-EC25	2-1/2"	15.31	388.87	18.63	473.20	2.86	72.64	2.87	72.90	2.87	72.90	3.82	72.90	2.85	1292.74
29-EC30	3"	16.75	425.45	20.88	530.35	3.06	77.72	3.50	88.90	3.50	88.90	4.50	88.90	4.10	1859.73
29-EC40	4"	18.50	469.90	22.75	577.85	3.26	82.80	4.50	114.30	4.50	114.30	5.62	114.30	6.50	2948.35

User Responsibility Statement: It is the user's sole responsibility to determine the product's suitability for its intended use. For full details, visit Boshart Industries [Reference Documents](#) for our User Safety Responsibility Statement and other important documents.



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