

UNIVERSAL COUPLING

TECHNICAL PASSPORT

DUCTILE IRON UNIVERSAL COUPLING

UNIONUNIA

APPLICATION

Universal couplings are used as a junction products between pipes or tubes of various material: steel, cast iron, PVC, etc.



Fluids : drinking water, clear water, compatible liquids.

GENERAL CHARACTERISTICS

Range : from DN40 to DN600.

With brass grip ring

Stainless steel bolts and nuts.

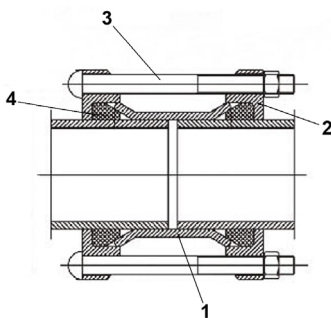
Sealing guaranteed by compression of a gasket on the pipe when tightening a counter flange.



ACS

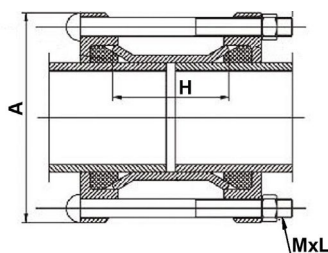
Epoxy coated body according to EN 14901
RAL 5015, 250 µm thickness

CONSTRUCTION



Pos.	Description	Material	Standard
1	Sleeve	Carbon steel	S235 / EN1563
2	End ring	Ductile iron GGG 50	EN 1563
3	Bolt and nut	Stainless steel A4/AISI 316	1449-2 316 S16
4	Gasket	EPDM ACS	EN 681-1

DIMENSIONS



DN		Reference	MxL	A	H	Weight (kg)
mm	inch					
40	1 1/2"	UNIONUNIA	48-60	148	95	2.4
50	2"	UNIONUNIA	59-72	162	95	2.5
65	2 1/2"	UNIONUNIA	72-85	177	95	3.2
80	3"	UNIONUNIA	88-103	189	95	4
100	4"	UNIONUNIA	109-128	219	95	4.5
125	5"	UNIONUNIA	138-153	253	95	6.1
150	6"	UNIONUNIA	159-182	283	104	7
175	7"	UNIONUNIA	192-210	303	130	8
200	8"	UNIONUNIA	218-235	333	130	9.5
250	10"	UNIONUNIA	242-262	370	130	12
250	10"	UNIONUNIA	250-274	381	130	12
250	10"	UNIONUNIA	272-289	388	130	14
300	12"	UNIONUNIA	315-332	437	130	16
300	12"	UNIONUNIB	322-339	432	130	16
300	12"	UNIONUNIC	340-360	495	130	16
350	14"	UNIONUNIA	374-391	504	130	24
350	14"	UNIONUNIB	351-378	501	130	23
400	16"	UNIONUNIA	390-410	530	130	28
400	16"	UNIONUNIB	417-437	560	130	28
450	18"	UNIONUNIB	454-463	566	130	36
450	18"	UNIONUNIA	476-500	622	130	32
500	20"	UNIONUNIA	500-533	676	140	39
600	24"	UNIONUNIA	608-636	763	160	50

WORKING CONDITIONS

Maximum working pressure: 16 bar
Maximum working temperature: 90°C

HOMOLOGATION PRODUIT



ACS Health compliance certificate n° 21 ACC LY 832

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