

NIRON CLIMA ACCESSORIES

BACKING RING ANSI/ASA 150#

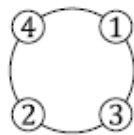
EPOXY COATED DUCTILE IRON



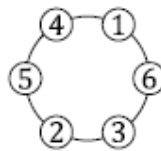
ITEM: 00FLAVN_
SIZE RANGE: 2" (63 mm) ÷ 24" (630 mm)
MATERIAL: Epoxy Coated Ductile Iron
COLOR: may be Steel Grey, Red or Black

INSTALLATION INSTRUCTIONS:

It is recommended to use a torque wrench complying with the ISO 6789 series.
 Care must be taken to ensure that the gasket is centered properly between the two flanges before tightening commences.
 Bolts shall be tightened crosswise in at least six sequences: 5 % / 20 % / 50 % / 75 % /100 % of final torque. Starting with finger tightness, and consequently by using a torque wrench with the same increment of torque up to the final torque required to achieve the correct tightening pressure in the joint.
 The torque of the bolts in flange connections is of importance. Therefore, the use of lubricated bolts to minimize external influences is recommended. It is recommended that for diameters above 180 mm, two operators work simultaneously on diametrically opposite bolts if possible.
 Additional tightening to the recommended torque should be carried out several hours later and also on the next day.



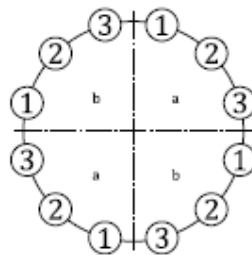
4 Bolts



6 Bolts



8 Bolts

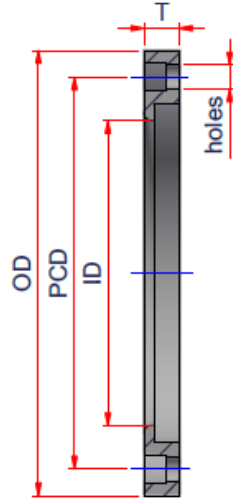


12 Bolts or more

Key
 a First Quadrant.
 b Second Quadrant.

PRODUCT INFORMATION AND APPLICATION USE:

Backing rings are manufactured from a ductile iron inner core and are coated with an epoxy coating. The rings are made to match ANSI/ASME 16.5 dimensions and hole patterns.



CODE	Stub flange	ANSI 150# HOLE PATTERN	Weight lbs/pc	Volume ft ³ /pc	ND (PP)	OD	ID	PCD	T	holes	N° holes
00FLAVN632	2"	2"	2.177	0.0156	2" => 63 mm	6	3.07	4.75	0.75	0.75	4
00FLAVN75212	2 1/2"	2 1/2"	3.552	0.025	2 1/2" => 75 mm	7	3.62	5.5	0.88	0.75	4
00FLAVN903	3"	3"	4.057	0.0306	3" => 90 mm	7.5	4.33	6	0.94	0.75	4
00FLAVN1104	3 1/2" LS-SF - 4" LS	4"	5.509	0.0441	3 1/2" => 110 mm 4" => 125 mm	9	5.24	7.5	0.94	0.75	8
00FLAVN1254	4" SF	4"	4.095	0.0441	4" => 125 mm	9	5.83	7.5	0.94	0.75	8
00FLAVN1255A5	5"	5"	6.807	0.0544	4" => 125 mm	10	5.66	8.5	0.94	0.88	8
00FLAVN1606	6"	6"	7.849	0.07	6" => 160 mm	11	7.01	9.5	1	0.88	8
00FLAVN2008	8"	8"	12.192	0.1181	8" => 200 mm	13.5	9.25	11.75	1.12	0.88	8
00FLAVN25010	10"	10"	16.327	0.1763	10" => 250 mm	16	11.42	14.25	1.19	1	12
00FLAVN31512	12"	12"	32.787	0.3134	12" => 315 mm	19	12.92	17	1.5	1	12
00FLAVN35514	14"	14"	43.837	0.416	14" => 355 mm	21	14.18	18.75	1.63	1.13	12
00FLAVN40016	16"	16"	61.661	0.6008	16" => 400 mm	23.5	16.19	21.25	1.88	1.13	16
00FLAVN45018	18"	18"	63.129	0.6872	18" => 450 mm	25	18.2	22.75	1.9	1.25	16
00FLAVN50020	20"	20"	82.878	0.9322	20" => 500 mm	27.5	20.38	25	2.13	1.25	20
00FLAVN56022	22"	22"	97.606	1.1583	22" => 560 mm	29.5	22.38	27.25	2.3	1.38	20
00FLAVN63024	24"	24"	117.075	1.4815	24" => 630 mm	32	25.08	29.5	2.5	1.38	20

MANUFACTURER' S WARRANTY:

Thirty (30) Years from the date of sale upon successful completion of pressure test of the piping system (refer to published warranty for complete details).

NOTE:

* More information can be found on NIRON TECHNICAL CATALOGUE

*** In order for Niron pipe and fittings to meet E-84 and/or CAN/ULC S102.2 for installation in a plenum application, it must be covered with a minimum of 1" or greater E-84 fiberglass insulation

**** Technical Data may undergo dimensional changes, check revision at the top