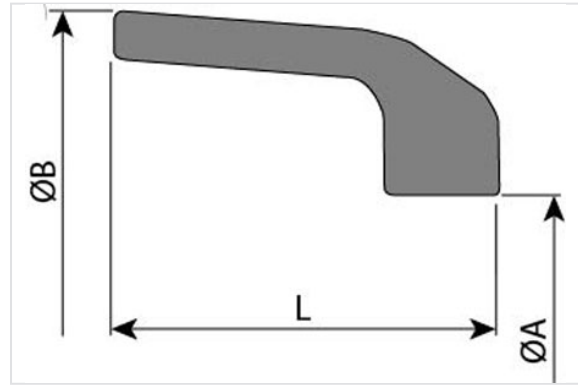


NBR or EPDM Flow Ring for MINERAL pipes with STANDARD socket DN150-1200



DN (mm)	Type	L (mm)	ØA (mm)	ØB (mm)	Angular deflection	Mass (kg)	References
150	NBR	37.8	159.2	196.6	3.5 °	0.18	JSB15UB
150	EPDM	37.8	159.2	196.6	3.5 °	0.18	JSB15UA
200	NBR	40.2	206	244.5	3.5 °	0.21	JSB20UB
200	EPDM	40.2	206	244.5	3.5 °	0.21	JSB20UA
250	NBR	37.7	260.2	301.7	3.5 °	0.34	JSB25UB
250	EPDM	37.7	260.2	301.7	3.5 °	0.34	JSB25UA
300	NBR	35.3	311.2	357	3.5 °	0.41	JSB30UB
300	EPDM	35.3	311.2	357	3.5 °	0.41	JSB30UA
350	NBR	39.5	359.6	409.9	3.5 °	0.50	JSB35UB
350	EPDM	39.5	359.6	409.9	3.5 °	0.50	JSB35UA
400	NBR	36.5	412	461.8	3.5 °	0.55	JSB40UB
400	EPDM	36.5	412	461.8	3.5 °	0.55	JSB40UA
450	NBR	34.6	462	518	3 °	0.64	JSB45UB
450	EPDM	34.6	462	518	3 °	0.64	JSB45UA
500	NBR	34.8	513.8	568.9	2.5 °	0.70	JSB50UB
500	EPDM	34.8	513.8	568.9	2.5 °	0.70	JSB50UA
600	NBR	44.3	615.2	676.3	2.5 °	0.94	JSB60UB
600	EPDM	44.3	615.2	676.3	2.5 °	0.94	JSB60UA
700	NBR	92.5	700.5	780.2	2.5 °	2.62	JSB70UB
700	EPDM	92.5	700.5	780.2	2.5 °	2.62	JSB70UA

DN (mm)	Type	L (mm)	ØA (mm)	ØB (mm)	Angular deflection	Mass (kg)	References
800	NBR	92.6	822.6	891.6	2.5 °	3.40	JSB80UB
800	EPDM	92.6	822.6	891.6	2.5 °	3.40	JSB80UA
900	NBR	92.8	929	1000	2.5 °	3.60	JSB90UB
900	EPDM	92.8	929	1000	2.5 °	3.60	JSB90UA
1000	NBR	91	1029.4	1106.4	2.5 °	5.00	JSC10UB
1000	EPDM	91	1029.4	1106.4	2.5 °	5.00	JSC10UA
1100	NBR	91	1147.5	1224.5	2.5 °	5.20	JSC11UB
1100	EPDM	91	1147.5	1224.5	2.5 °	5.20	JSC11UA
1200	NBR	108.9	1233.3	1325.3	2.5 °	8.20	JSC12UB
1200	EPDM	108.9	1233.3	1325.3	2.5 °	8.20	JSC12UA

Field of use:

	ABRASION	FLUID	LININGS			FLOW RING
			GRADE 100	GRADE 200	GRADE 300	
WATERS	NO ABRASION	<ul style="list-style-type: none"> • Drinking water • Raw waters • Salted waters, brines • Soft water after desalination 	M100			NO
			M110			
			M150			
			M160			
	LOW & MEDIUM ABRASION	<ul style="list-style-type: none"> • Recycled waters • Waste waters, sewage • Waste slurries • Ore concentrates 		M200		YES
				M210		
SLURRIES	HIGH ABRASION	<ul style="list-style-type: none"> • Waste slurries • Ore concentrates 			M350*	YES

*in progress

Figure 3 : the MINERAL range coating are suitable for the abrasiveness and salinity of the water and slurries generally found in mines. They are classified by 3 performance grade and their references begin with the letter M, as shown in the table below

- **Protection against abrasion:** the flow ring regulates the flow rate of the fluid in the joint and in its immediate extension. It considerably reduces the abrasion phenomena in the jointing area when the transported fluid has an abrasive character. Its use is recommended according to the table Figure 3 below.

- Shock protection: occasionally, the flow ring can be used as an impact shield in cases where there is a risk of impact of the spigot on the socket bottom:
 - Clamping force difficult to control due to the configuration of the site or the use of inadequately precise piloting gear. The ring protects against the risk of impact between the spigot and the socket bottom
 - Installation in very strong slope with assembling of pipes from downstream to upstream. The ring serves as a support for the spigot of the upstream pipe on the bottom of the downstream pipe

Main characteristics:

- Elastomer ring type NBR or EPDM type (for drinking water)
- The flow ring is not a sealing ring and does not provide this function
- The flow ring must not be used in an UNIVERSAL socket
- The flow ring does not change the pressure performance of the joint
- The limits of angular deflection of the joint equipped with the flow ring are given in the table above

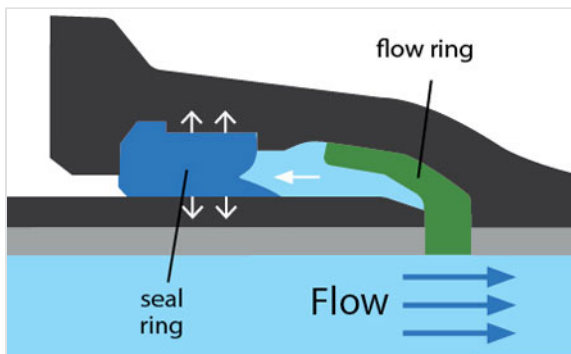


Figure 1 : protection against abrasion

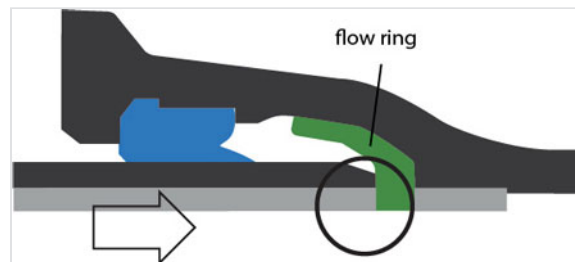


Figure 2 : anti-shock protection

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