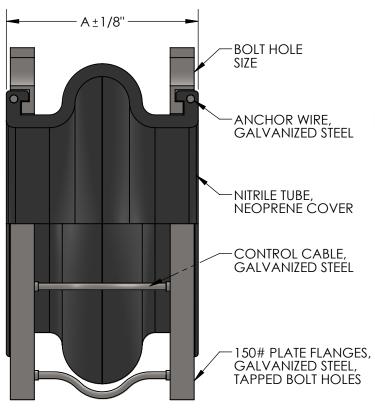
CABLESPHERE, MODEL MSRCDPN NITRILE EXPANSION JOINT, DRILLED BOLT HOLES





MAXIMUM OPERATING CONDITIONS

TEMPERATURE	PRESSURE (PSI)				
170°	225				
180°	200				
190°	175				
200°	150				
210°	125				
220°	100				
230°	75				

MAXIMUM WORKING TEMPERATURE 230°F

NOTES:

WWW.METRAFLEX.COM FOR INSTALLATION INSTRUCTIONS.
JOINT MUST BE INSTALLED AT ITS NEUTRAL LENGTH.
BOLTS MUST BE PROPERLY TORQUED.
NOT SUITABLE FOR STEAM OR VACUUM APPLICATIONS.

PART NUMBER	PIPE INCH	SIZE	Α	AXIAL COMP.	FORCE (LBS)	AXIAL EXT.	FORCE (LBS)	LATERAL OFFSET	FORCE (LBS)	ANGULAR	WEIGHT (LBS)	BOLT HOLE SIZE	CABLES
MSRCDPN0200	2"	50	6"	1/2"	55	1/8"	73	1/2"	55	15°	8	3/4"	2
MSRCDPN0250	2-1/2"	65	6"	1/2"	102	1/8"	68	1/2"	97	15°	13	3/4"	2
MSRCDPN0300	3"	80	6"	1/2"	136	1/8"	115	1/2"	108	15°	14	3/4"	2
MSRCDPN0400	4''	100	6"	5/8"	145	1/8"	242	1/2"	275	15°	18	3/4"	2
MSRCDPN0500	5"	125	6"	5/8"	172	1/8"	196	1/2"	308	15°	23	7/8"	2
MSRCDPN0600	6"	150	6"	5/8"	293	1/8"	563	1/2"	484	15°	28	7/8"	4
MSRCDPN0800	8"	200	6"	5/8"	372	1/8"	587	1/2"	688	15°	40	7/8"	4
MSRCDPN1000	10"	250	8"	3/4"	398	1/4"	455	3/4"	781	15°	68	1"	4
MSRCDPN1200	12"	300	8"	3/4"	390	1/4"	356	3/4"	842	15°	94	1"	4
	MSRCDPN0200 MSRCDPN0250 MSRCDPN0300 MSRCDPN0400 MSRCDPN0500 MSRCDPN0600 MSRCDPN0800 MSRCDPN1000	PART NUMBER INCH MSRCDPN0200 2" MSRCDPN0250 2-1/2" MSRCDPN0300 3" MSRCDPN0400 4" MSRCDPN0500 5" MSRCDPN0600 6" MSRCDPN0800 8" MSRCDPN1000 10"	INCH MM MSRCDPN0200 2" 50 50 50 65 65 65 MSRCDPN0300 3" 80 80 MSRCDPN0400 4" 100 MSRCDPN0500 5" 125 MSRCDPN0600 6" 150 MSRCDPN0800 8" 200 MSRCDPN1000 10" 250	PART NUMBER INCH MM A MSRCDPN0200 2" 50 6" MSRCDPN0250 2-1/2" 65 6" MSRCDPN0300 3" 80 6" MSRCDPN0400 4" 100 6" MSRCDPN0500 5" 125 6" MSRCDPN0600 6" 150 6" MSRCDPN0800 8" 200 6" MSRCDPN1000 10" 250 8"	PART NUMBER INCH MM A AMAL COMP. MSRCDPN0200 2" 50 6" 1/2" MSRCDPN0250 2-1/2" 65 6" 1/2" MSRCDPN0300 3" 80 6" 1/2" MSRCDPN0400 4" 100 6" 5/8" MSRCDPN0500 5" 125 6" 5/8" MSRCDPN0600 6" 150 6" 5/8" MSRCDPN0800 8" 200 6" 5/8" MSRCDPN1000 10" 250 8" 3/4"	PART NUMBER INCH MM A AMAL COMP. (LBS) MSRCDPN0200 2" 50 6" 1/2" 55 MSRCDPN0250 2-1/2" 65 6" 1/2" 102 MSRCDPN0300 3" 80 6" 1/2" 136 MSRCDPN0400 4" 100 6" 5/8" 145 MSRCDPN0500 5" 125 6" 5/8" 172 MSRCDPN0600 6" 150 6" 5/8" 293 MSRCDPN0800 8" 200 6" 5/8" 372 MSRCDPN1000 10" 250 8" 3/4" 398	PART NUMBER A AMAL COMP. FORCE EXT. MSRCDPN0200 2" 50 6" 1/2" 55 1/8" MSRCDPN0250 2-1/2" 65 6" 1/2" 102 1/8" MSRCDPN0300 3" 80 6" 1/2" 136 1/8" MSRCDPN0400 4" 100 6" 5/8" 145 1/8" MSRCDPN0500 5" 125 6" 5/8" 172 1/8" MSRCDPN0600 6" 150 6" 5/8" 293 1/8" MSRCDPN1000 10" 250 8" 3/4" 398 1/4"	PART NUMBER INCH MM A COMP. COMP. COME. AMAL EXT. CORCE (LBS) MSRCDPN0200 2" 50 6" 1/2" 55 1/8" 73 MSRCDPN0250 2-1/2" 65 6" 1/2" 102 1/8" 68 MSRCDPN0300 3" 80 6" 1/2" 136 1/8" 115 MSRCDPN0400 4" 100 6" 5/8" 145 1/8" 242 MSRCDPN0500 5" 125 6" 5/8" 172 1/8" 196 MSRCDPN0600 6" 150 6" 5/8" 293 1/8" 563 MSRCDPN1000 8" 200 6" 5/8" 372 1/8" 587 MSRCDPN1000 10" 250 8" 3/4" 398 1/4" 455	PART NUMBER A AAAAL COMP. FORCE (LBS) AAAAL EXT. FORCE (LBS) CATAL EXT. FORCE (LBS) CATAL EXT. FORCE (LBS) CATAL EXT. COMP. COMP	Name Name	PART NUMBER INCH MM A COMP. (LBS) EXT. FORCE CLATERAL FORCE COMP. (LBS) ANGULAR	PART NUMBER INCH MM A COMP. (LBS) EXT. (LBS) OFFSET (LBS) ANGULAR (LBS)	PART NUMBER INCH MM A COMP. COMP.

NSF 372 - LEAD FREE

The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards, where applicable, requiring reduced lead content.

CUSTOMER:
PROJECT:
ENGINEER:

Terripes in motion 2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM	REV.		DATE
	Met for pipes in	raflex	CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415

CABLESPHERE MODEL MSRCDPN

NITRILE EXPANSION JOINT, DRILLED BOLT HOLES

DKAMN BA: D I	KISH	DAIE:	1/19/2017	
APPROVED: JC		DATE:	1/23/2017	
scale: N/A	DRAWING NUMBER: MSRCDPN-1			