



Maxiflex®

FOR DATA CENTRE

V - LOOP EXPANSION JOINT

V - LOOP

Uniquely designed for Data Centres, Maxiflex V-Loop has a safety factor of 4:1 and a high working temperature range of -200°C to 700°C, absorbs both thermal growth and seismic movement in piping systems, interchangeable with Metraflex V-Loop Expansion Joint.

TEMPERATURE RANGE	-200°C to +700°C
CONSTRUCTION TUBE	Grade 304L or 316L Stainless Steel Core
EXTERNAL BRAIDING	Single / Double Braided Stainless Steel Braiding
BRANDING	Maxiflex on Tagging
END CONNECTION	Customizable as Per Requirement
SAFETY FACTOR	4:1
APPLICATION	Absorbs Both Thermal Growth and Seismic Movement in Piping Systems.

PART NO	I.D.		O.D.		WORKING PRESSURE (SINGLE BRAID)		WORKING PRESSURE (DOUBLE BRAID)		WEIGHT (NOMINAL)
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m
VLOOP-040	40	1-1/2	52.7	2.07	40	583	56	812	1.50 - 1.83
VLOOP-050	50	2	64.3	2.53	34	490	48	696	2.10 - 2.38
VLOOP-065	65	2-1/2	85.0	3.35	31	450	38	551	2.65 - 2.95
VLOOP-080	80	3	99.0	3.90	27	390	29	420	3.13 - 3.26
VLOOP-100	100	4	121.5	4.78	18	262	26	377	4.15 - 4.67
VLOOP-125	125	5	155.0	6.10	16	230	22	319	6.40 - 7.20
VLOOP-150	150	6	180.0	7.09	14	200	16	232	7.85 - 8.29
VLOOP-200	200	8	231.0	9.09	10	150	13	188	10.5 - 13.62
VLOOP-250	250	10	285.0	11.22	10	150	12	174	12.5 - 20.55
VLOOP-300	300	12	343.0	13.50	10	150	12	174	15.0 - 25.83

*Other size, pressure ratings and material available on request.