



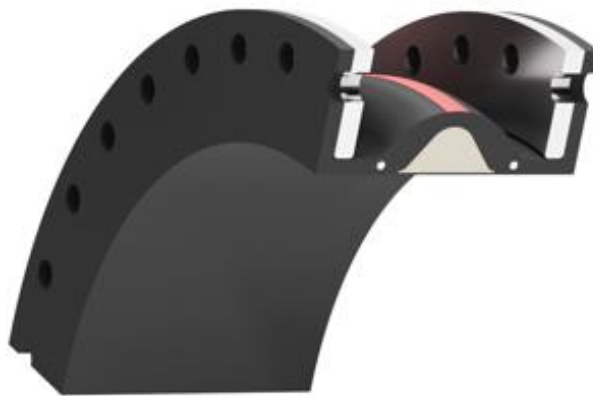
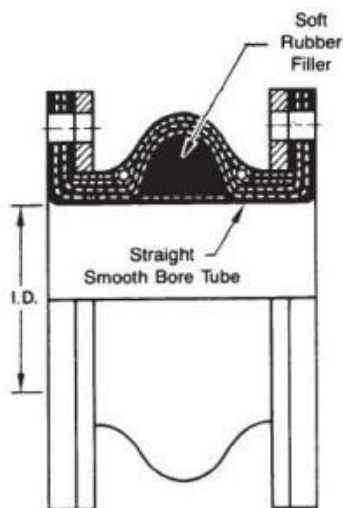
SINGLE ARCH RUBBER EXPANSION JOINT – FILLED ARCH

Labels in drawing: ZINC PLATED, RETAINING RING; 191; EPDM COVER; 1251; 16 X 25MM; EPDM TUBE; CARBON STEEL WIRE; NYLON CORD; 500; 641; 705; 200.

WORKING PRESSURE @ 80°C: 10 bar
AXIAL COMPRESSION: 20 mm
AXIAL EXTENSION: 7.5 mm
LATERAL DEFLECTION: 15 mm
ANGULAR DEGREE: 3°

Nominal Pipe Size Exp. Joint ID	TOLERANCES (in mm) FOR RUBBER PIPE & EXPANSION JOINTS						
	ExP. Joint ID	ExP. Joint OD	Bolt Line BDC	Face to Face Length			
				0 to 250	175 to 300	350 to 450	500 to UP
0 to 250	± 4.8	± 6.4	± 4.8	± 4.8	± 4.8	± 4.8	+4.8 -6.4
300 to 550	± 6.4	± 9.5	± 6.4	± 4.8	± 4.8	± 4.8	+4.8 -6.4
600 to 1150	± 9.5	± 12.7	± 7.9	± 4.8	+4.8 -6.4	± 6.4	± 6.4
1200 to 1750	+9.5 -12.7	+19.0 -12.7	± 9.5	± 6.4	± 9.5	± 9.5	± 9.5
1800 to UP	+9.5 -15.8	+25.4 -14.2	± 12.7	± 6.4	± 9.5	± 9.5	± 9.5

PART NAME	MATERIAL	QUANTITY	REMARKS
TUBE	EPDM	1	
BODY	NYLON CORD	1	
COVER	EPDM	1	
RETAINING RING	ZINC PLATED, BS TABLE E	2	
RUBBER FLANGES	DRILLED TO BS TABLE E	2	



Filled Arch design for smooth straight bore internally

