

GARLOCK SEALING TECHNOLOGIES
EXPANSION JOINT SPEC SHEET
STYLE 204

SIZE AVAILABILITY:

1 ½"ID THROUGH 120"ID

MATERIALS OF CONSTRUCTION:

- Chlorobutyl elastomer with Polyester fabric and metal reinforcement (250°F Max.)
- EPDM Tube and Cover with Chlorobutyl elastomer, with Fiberglass and Kevlar fabric reinforcement, combined with metal reinforcement. (300°F Max.)
- Fluoroelastomer with Fiberglass and Kevlar fabric reinforcement, combined with metal reinforcement (400°F Max.)
- Alternate tube and or cover materials available are Nitrile, Neoprene, EPDM, FDA Neoprene, FDA EPDM, Natural/Gum Rubber and Hypalon.

ARCH CONFIGURATION:

- Single Open
- Double Open
- Triple Open

(Also available in filled arch design, however movements are reduced by 50%)

MOVEMENT CAPABILITIES:

Single Open Arch

<u>Pipe Size</u>	<u>Axial Comp.</u>	<u>Axial Elong.</u>	<u>Lateral Deflect.</u>
1" to 6"	1/2"	1/4"	1/2"
8" to 18"	3/4"	3/8"	1/2"
20" to 24"	7/8"	7/8"	1/2"
26" to 40"	1"	1/2"	1/2"
42" to 96"	1-1/8"	1/2"	1/2"

To calculate multiple arch movements, multiply the single arch movement by the number of arches required.

DESIGN PRESSURE RATINGS:

<u>Pipe Size</u>	<u>Pressure Rating</u>	<u>Vacuum Rating</u>
1/2" - 4"	165 PSI	Full
5" - 12"	140 PSI	Full
14"	85 PSI	Full
16" - 24"	65 PSI	Full
26" - 66"	55 PSI	Full
72" & Over	45 PSI	Full