## **METAL-GUM**

# Multi-arches joint expansioners DN50-DN1000

METAL-GUM Zielona Góra ul. Naftowa 2, tel. (68) 451-97-03, bok@metal-gum.com.pl



# **Description:**

Compensators characterized by high compensation and flexibility in all directions, designed for ordinary media such as water and contaminated such as sewage or other media causing high abrasiveness. Multi-arched compensators are produced for dedicated places on individual customer orders.

## CERTIFICATES









Axial (elongines) (+ ◀►)



Axial(compression)
(- ► ◀)



Angular (± α°)



Radial (± ▲ ▼)

#### **Technicl Datas:**

Range of diameter: DN32 – DN1000 Openings: PN6 / PN10 / PN16

## Construction:

- bellow:
- EPDM, EPDM2, HTEPDM, NBR, SBR, CR, NR
- Anothers kinds of rubber aaviable on demands: (Hypalon, Butyl)
- Flanges:
- Hot dip galvanization
- Powder paintings
- Acid-resistant steel, 1.4301, 1.4401, 1.4404, 1.4571, and others.

## **Rubber features:**

**EPDM** - acid and alkali resistant at medium concentration, medium abrasion resistant. Temp. up to 130 C, resistant to weather conditions and light.

HTEPDM - rubber with higher temperature resistance (up to 160 C) NBR - oil resistant rubber, medium abrasion resistant. For mineral oils, acids, water, water-oil emulsions, kerosene, vegetable fats, oily wastewater.

**SBR**- rubber resistant to acids and inorganic bases, alcohols. Abrasion resistant.

**CR** - oil-resistant rubber, resistant to chemical agents, glycols, salt solutions, water vapor.

NR - general purpose rubber, hard wearing, designed for low concentrated bases and acids, often used for municipal sewage containing quartz.



# **Auxiliary equipment:**









Motion limiters in flanges



Anti-fouling cover



Deflector



Screwed limiters

Vacuum bellow