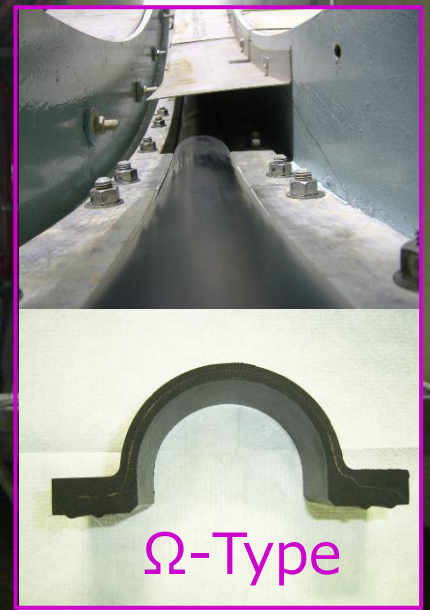
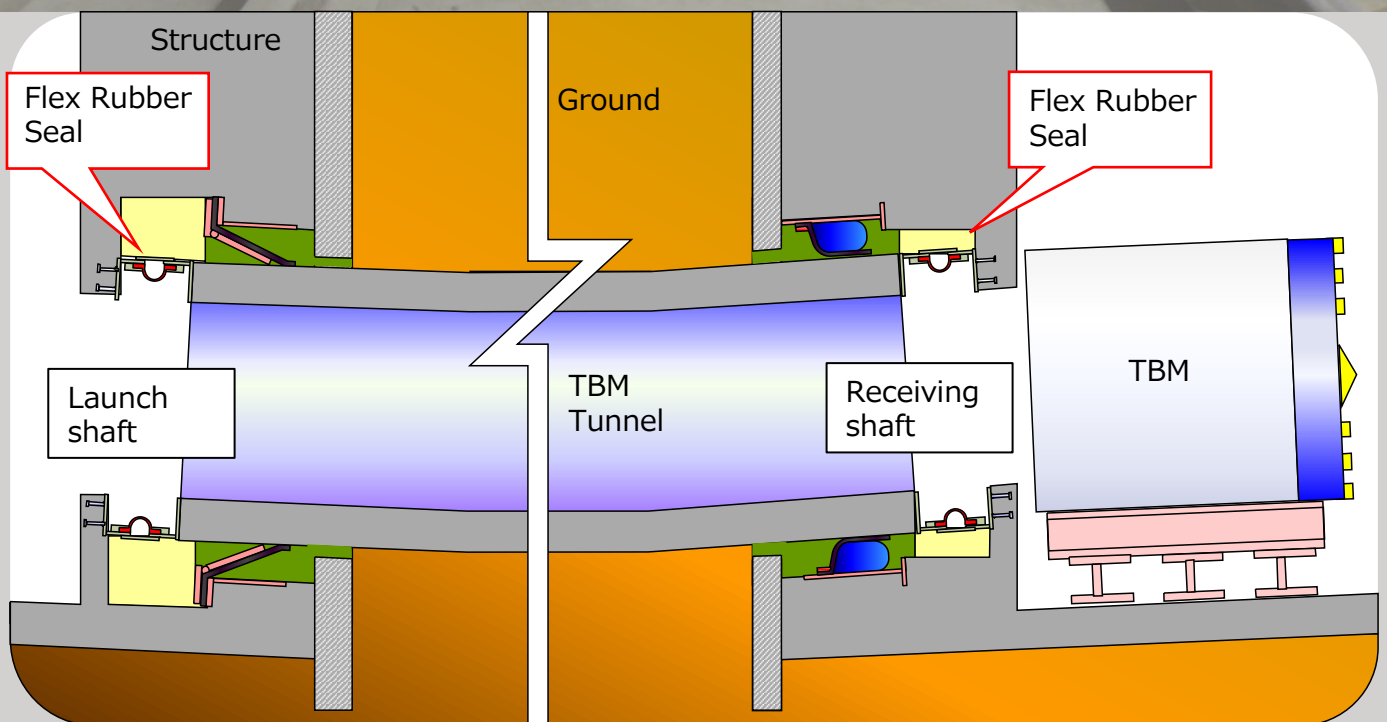


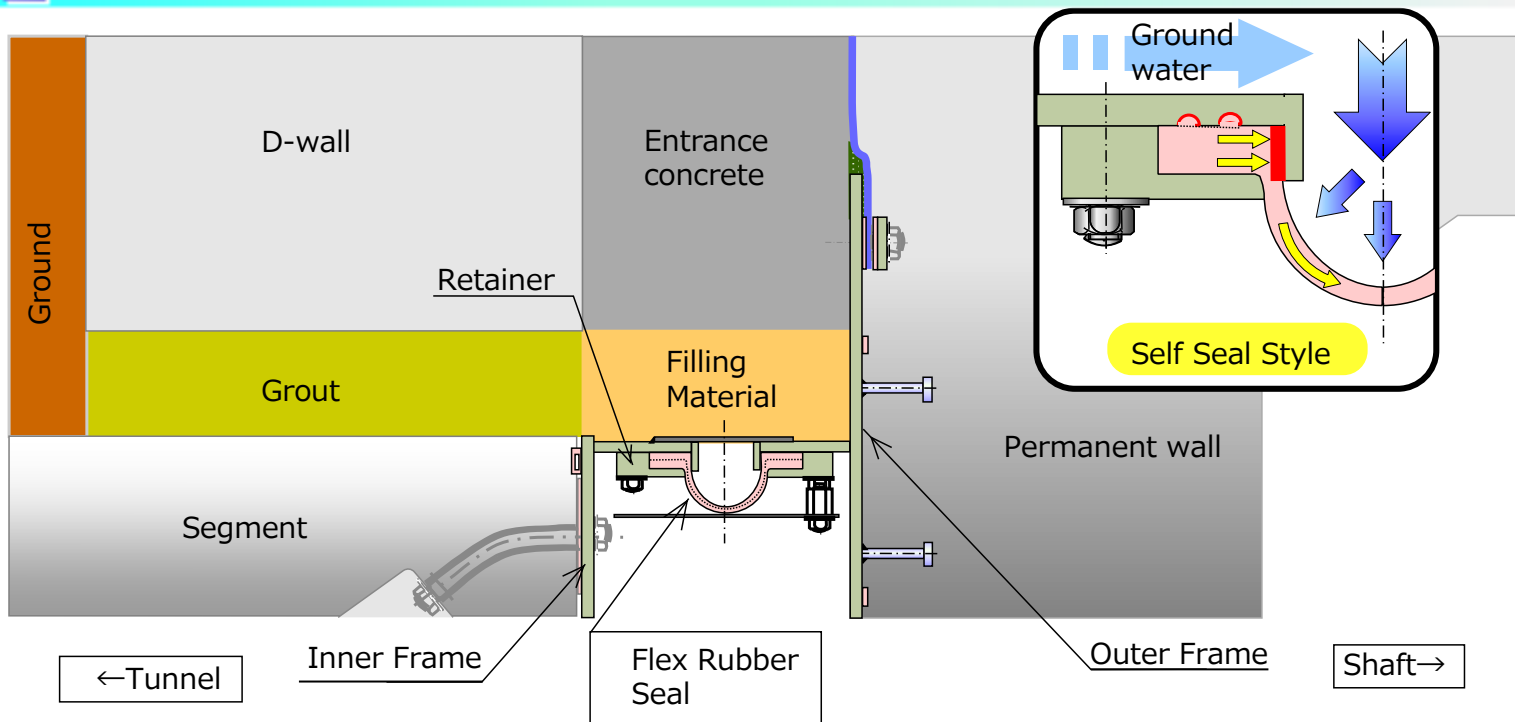
FLEX RUBBER SEAL



『Flex Rubber Seal: Ω-type』, installed at the interface between TBM tunnel and structure, is to absorb displacement due to earthquake and ground settlement for the safety of tunnel.

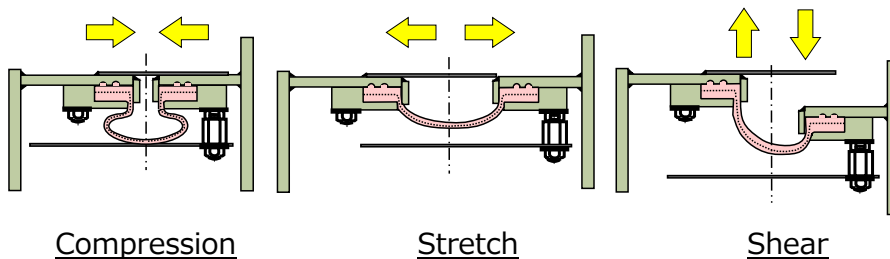


Structure



Performance

- Absorb all kinds of displacement.
- Rubber is reinforced by a fabric inside for pressure resistance.

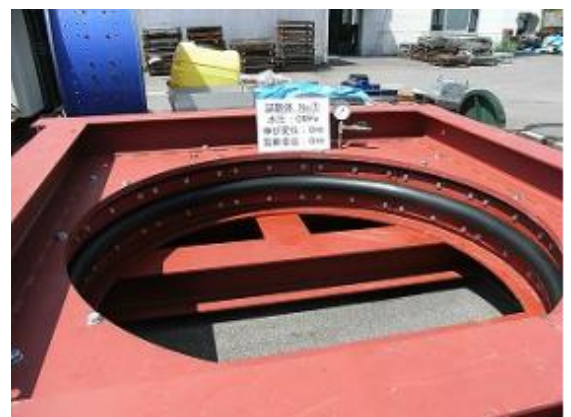
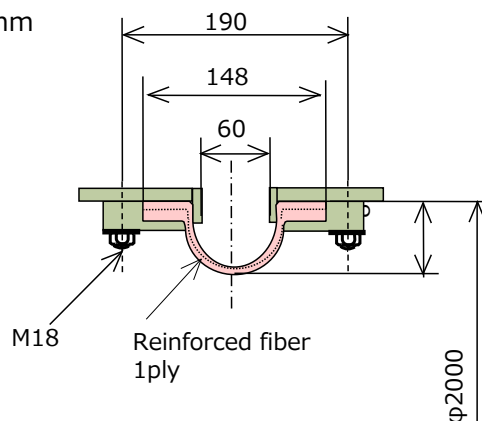


Style	Allowable displacement
FS-30	30mm
FS-50	50mm
FS-100	100mm

Mock up test

◆ Result

- Steel pipe I.D. : $\phi 2000\text{mm}$
- Style : FX-50
- Material of Rubber : CR
- Displacement : 50mm
- Result : No leakage



Testing status



MITSUBISHI RUBBER CO., LTD.

• Head Office 2-1-31, Doujima, Kita-ku, Osaka 5300001
 • Headquarter & Plant 2-3-5, Mitsugaoka, Nishi-ku, Kobe 6512228
 • Tokyo Branch 1-8-7, Roppongi, Minato-ku, Tokyo 1060032
 • Fukuoka Branch 2-1, Nakahara shinmachi, Tobata-ku, Kitakyushu 8040003
 • Nagoya Branch 2-20-25, Marunouchi, Naka-ku, Nagoya 460-0002
 • Oita Office 6-15, Harashinmachi, Oita 8700913
 • Kisarazu Office 3-4-3, Yamato, Kisarazu-City, Chiba 2920805
 • Kobe Office 9-1-30, Wakamatsu-cho, Nagata-ku, Kobe 6530038

TEL. +81-6-6344-3555 FAX. +81-6-6344-5660
 TEL. +81-78-995-3331 FAX. +81-78-995-3332
 TEL. +81-3-5114-8551 FAX. +81-3-5114-8552
 TEL. +81-93-873-5606 FAX. +81-93-873-5606
 TEL. +81-52-223-0202 FAX. +81-52-223-8256
 TEL. +81-97-556-5615 FAX. +81-97-556-5711
 TEL. +81-438-20-1600 FAX. +81-438-97-7336
 TEL. +81-78-641-5681 FAX. +81-78-641-5033