

# THERMOSEAL

## Composition

- THERMOSEAL: Sealing rope produced from texturised glass yarn with its construction varied to match the required compressibility.
- THERMOSEAL is characterized by a high degree of flexibility for a perfect fit around small radii.
- THERMOSEAL will resist temperatures up to 600°C.

## Application

THERMOSEAL is used as thermal insulation for static sealing applications in dry environments.

It is widely used as seals for hatches and doors in industrial boilers, furnaces, ovens, solid-fuel (e.g. wood-burning) stoves, as well as seals for gas appliances, heat processing equipment and domestic boilers.

| Nom. Diameter [mm]  | Tolerance [mm]   | Nom. Diameter [mm] | Tolerance [mm] |
|---------------------|--|--------------------|----------------|
| 4,0                 | ±0,50  | 17,0               | ±1,00          |
| 5,0                 | ±0,50  | 18,0               | ±1,00          |
| 6,0                 | ±0,50  | 19,0               | ±1,00          |
| 7,0                 | ±0,50  | 20,0               | ±1,00          |
| 8,0                 | ±0,50  | 22,0               | ±2,00          |
| 9,0                 | ±0,50  | 24,0               | ±2,00          |
| 10,0                | ±0,50  | 25,0               | ±2,00          |
| 11,0                | ±1,00  | 27,0               | ±2,00          |
| 12,0                | ±1,00  | 30,0               | ±2,00          |
| 13,0                | ±1,00  | 35,0               | ±2,00          |
| 14,0                | ±1,00  | 40,0               | ±3,00          |
| 15,0                | ±1,00  | 45,0               | ±3,00          |
| 16,0                | ±1,00  |                    |                |
| <b>Availability</b> |  |                    |                |
| Standard            | - On spools<br>- Sections cut to length<br>- Fabricated as customer-specific profiles (e.g. O-rings) |                    |                |
| Compressibility*    | - Hard 0 – 15%<br>- Medium 16 – 30%<br>- Soft 31 – 100%  |                    |                |
| Colour              | - Natural<br>- Black   |                    |                |

\*Measurement according to TT022

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