

## EXPANSION JOINTS – Small Movements

### GRANOR® FERMASEAL Series “FE”

#### Introduction

GRANOR® FERMASEAL Series “FE” seals are extruded from a high quality EPDM Elastomer having extremely good resistance to both UV and ozone. Suitable for sealing applications, frequently vertical, between concrete, steel or aluminium faces. Careful selection of the most appropriate seal for the intended application is important as the small sizes have limited expansion capacity.

#### Application

Typically used as a ‘joint’ filler in horizontal or vertical expansion gaps in concrete structures, the ‘fin’ type design assists in retaining the seals in the gap with or without the aid of a lubricant / adhesive.

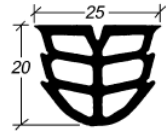
#### Installation

Correct gap dimensions are important. The gap should be of correct and uniform width throughout, smooth, parallel and free from projections and or cavities. Any sharp edges must be chamfered. The use of a lubricant / adhesive although recommended, is optional when installing FERMASEAL.

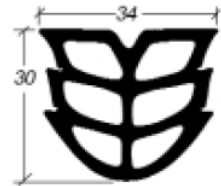
#### Colours

Standard colour is black.

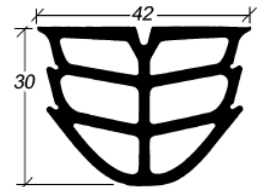
Alternative colours such as grey manufactured from a TPV (Thermoplastic Vulcanizate) rubber, are available to order.



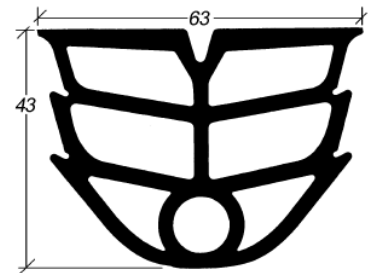
16-103



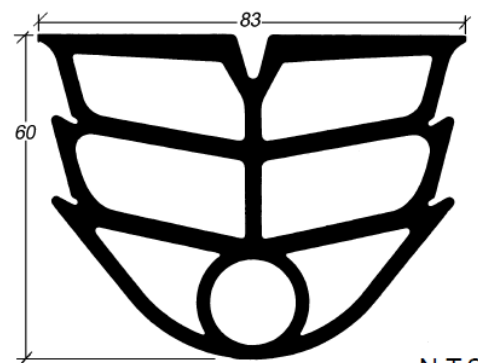
16-104



16-105



16-106



16-107

N.T.S.

| Seal Part No. | Joint Opening Gap (mm) |              |                              | Typical Gap Width for Installation (mm) | Typical Groove Depth "D" |
|---------------|------------------------|--------------|------------------------------|---|--------------------------|
|               | Seal Minimum           | Seal Maximum | Total Seal Movement Capacity |   |                          |
| 16-103        | 11                     | 19           | 8                            | 15                                      | 30                       |
| 16-104        | 15                     | 25           | 10                           | 20                                      | 40                       |
| 16-105        | 19                     | 31           | 12                           | 25                                      | 45                       |
| 16-106        | 25                     | 45           | 20                           | 35                                      | 70                       |
| 16-107        | 30                     | 60           | 30                           | 45                                      | 90                       |