



## TYL<sup>®</sup> - CELL 150

Polyethylene Foam Backer-Rod

202402

### DESCRIPTION

TYL<sup>®</sup> - Cell 150 is closed cell polyethylene foam joint backup cord for use in expansion joints where a backup material is required to provide support for a joint sealant. It enables the correct width to depth ratio of the sealing slot to be obtained and provide a firm backing to ensure that sealants are forced against and wet the sides of the joint during application. It also functions as a bond breaker at the back of the seal preventing additional stress on the sealant during joint movement.



### APPLICATION INSTRUCTIONS

The diameter of TYL<sup>®</sup> - Cell 150 should be approximately 20-25% greater than the width of the joint, positioned so that the required minimum sealant depth is obtained, measured at the center of the joint. The cord should be push fitted into position using a blunt tool to avoid damaging the cord. When installed the circular section of TYL<sup>®</sup>-Cell 150 cords provides a convex face giving a near optimum minimum strain shape for elastomeric sealants reducing the buildup of stress at the bond interface.

### ADVANTAGES

- Easy to apply
- Readily compressible
- Excellent recovery
- Non-absorbent

### USES

- Regulate depth of sealant application
- Bond breaker for sealant application
- Caulking material

### PHYSICAL & MECHANICAL PROPERTIES

<u>Property</u>	<u>Typical Results</u>
Recovery Value	>70%
Compression Set	15%
Compression Stress	13kPa
Water Absorption	>0.3g/cc
Elongation	80%
Tensile Strength	0.12N/m m <sup>2</sup>

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## PACKING

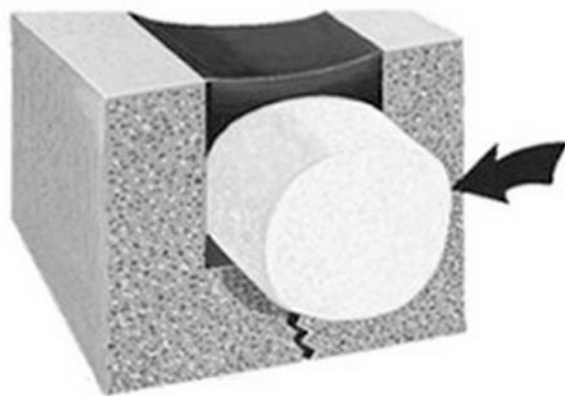
**Diameters:** 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 70 and 100mm.

**Length:** 2m per strip

\*Special dimension is available upon request

## HEALTH & SAFETY

There are no health hazards associated with TYL<sup>®</sup>-Cell 150 in normal use.

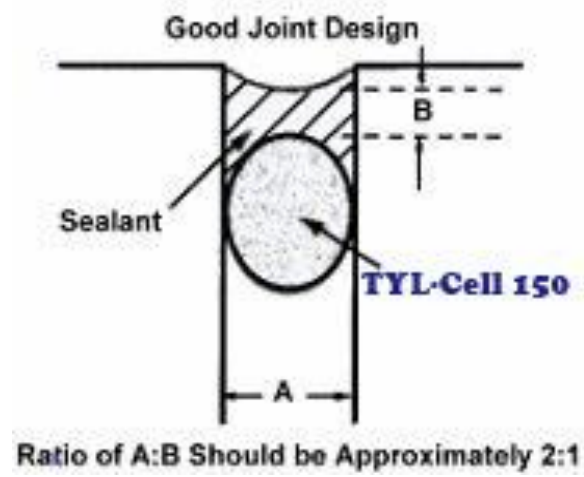


## LIMITATIONS

Being made from a thermoplastic material, TYL<sup>®</sup>-Cell 150 will burn on contact with fire directly.

## STORAGE

It should be stored in the dry and not left exposed to the elements for extended periods, especially in hot climates.



## Please enquire about our range of construction product

The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability for final function at the job site is assumed. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written and/or oral recommendations, or from any other advice offered by the Company. No responsibility or Liability by the Company will be accepted for misuse, misreading or derivation from the recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in this brochure may change at any time without notice.

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