

## TECHNICAL DATA SHEET

### Fiberglass Insulation Tapes Style **DET** and **DETLA** series Description and Advantages

**DET series and DETLA** fiberglass (E Glass) tapes are a non-asbestos product, manufactured from highly texturized yarns, specially developed for high temperature applications. These tapes are produced from closely (tight) woven (DET) and looser knitted (DETLA) yarns, enabling tapes to be produced which retain a high degree of softness and flexibility. Applications include thermal and electrical insulation wrap; gasket seals etc. fiberglass tapes are resistant to oils, solvents and most chemicals, but direct contact with live steam should be avoided.



|                                     |              |                                                                                                                                                                        |                                                                                                                                                                    |
|-------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Service Temperature                 | Constant Max | *500°C-550°C                                                                                                                                                           |                                                                                                                                                                    |
| Melting Temp.                       |              | *800°C                                                                                                                                                                 |                                                                                                                                                                    |
| Physiologically Harmless refer MSDS |              | Yes                                                                                                                                                                    |                                                                                                                                                                    |
| Combustibility                      |              | Non combustible                                                                                                                                                        |                                                                                                                                                                    |
| Yarn                                |              | fiberglass continuous filament-texturized fiber                                                                                                                        |                                                                                                                                                                    |
| Coating/finishes                    |              | <ul style="list-style-type: none"> <li>Heat Treated</li> <li>Laminated</li> <li>Red silicone coated on one side</li> </ul>                                             | <ul style="list-style-type: none"> <li>Aluminium Faced</li> <li>*Vermiculite Thick</li> <li>Graphite Impregnated (Black)</li> </ul>                                |
| Available Sizes                     |              | <ul style="list-style-type: none"> <li>25mm x 1.5mm</li> <li>40mm x 1.5mm</li> <li>50mm x 1.5mm</li> <li>25mm x 3mm</li> <li>40mm x 3mm</li> <li>50mm x 3mm</li> </ul> | <ul style="list-style-type: none"> <li>75mm x 3mm</li> <li>100mm x 3mm</li> <li>125mm x 3mm</li> <li>50mm x 6mm</li> <li>65mm x 6mm</li> <li>75mm x 6mm</li> </ul> |

**\*Vermiculite Coating** provides short term temperature resistance of **1000°C** and increased continuous temperature resistance up to **800°C**. Vermiculite coating increases the products abrasion resistance and adds to its ability to withstand direct flame, it also provide a dust suppression coating which allows for a safer work environment.