

## Acoustic Jackets

### Construction and Acoustic performance

#### Construction

Grey silicone coated glass cloth inner & outer  
50mm mineral wool infill  
5kg/m<sup>2</sup> or 10kg/m<sup>3</sup> sound barrier (behind outer facing)  
Velcro flap, straps and 'D' rings  
Terminal box cut out (if required)

#### Acoustic Performance

**Noise Breakout:** The Figures below are typical of a cross section of a 200mm circular duct.

| Noise Breakout   |           |                     | Typical Reduction in Noise Breakout - dB |        |        |         |         |         |
|------------------|-----------|---------------------|------------------------------------------|--------|--------|---------|---------|---------|
| Product          | Thickness | Sound Barrier       | 125 Hz                                   | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
| Standard         | 50mm      | 5kg/m <sup>2</sup>  | 2                                        | 6      | 14     | 18      | 20      | 23      |
| High Performance | 50mm      | 10kg/m <sup>2</sup> | 4                                        | 10     | 18     | 22      | 26      | 29      |