

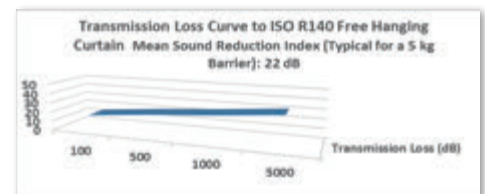
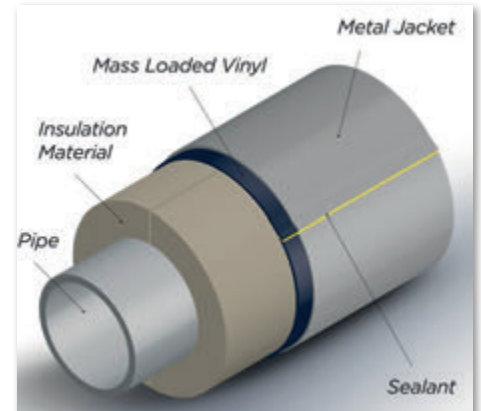
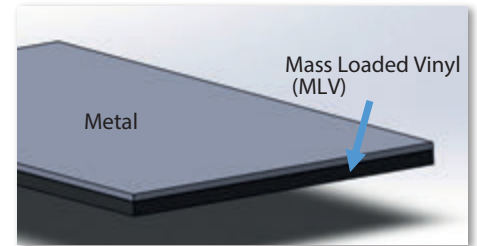
MATERIAL DATA SHEET

SoundMet® acoustic insulation jacketing is an innovative metal jacketing developed by BS Stainless Limited. In SoundMet, the base metal and Mass Loaded Vinyl (MLV) are bonded together to provide superior acoustic damping in insulated pipelines.

Most popular base metals are Stainless Steel and Aluminium. Other metals like Aluzinc and Aluminised Steel can also be supplied if requested. The MLV is a vinyl sound barrier loaded with Barium Sulphate minerals. The Jacketing is ISO 15665 approved and is an effective system for all classes of acoustic insulation.

SoundMet with enhanced properties of MLV is also available on request:

- 🔊 SoundMet Low Temp: Retains superior acoustic properties even at -58°F (-50°C) (For Arctic region)
- 🔊 SoundMet Fire: High fire rating



PHYSICAL PROPERTIES (MLV)	
Colour	Black
Hardness	85 Shore A
Weight	5 Kg/m ² (1.0 lb/ft ²) 7.5 kg/m ² (1.5 lb/ft ²) 10 kg/m ² (2 lb/ft ²)
Tensile Strength	1.5Mpa
Elongation at Break	125%
Oil Resistance (2hrs @80°C) Diesel oil	Shrinkage <3 %, no loss of Integrity
Engine oil	Shrinkage < 3%, no loss of integrity
Flammability	FMVSS 302 Self-Ext ISO 3795 B< 1.7mm/s
Operating Temperature	-20°C to +93°C

Benefits to insulation system:

- Excellent sound dampening
- Prevents moisture ingress
- Improved seal at overlaps
- Minimises slippage of vinyl in vertical installations
- Corrosion resistance
- Quicker application
- Labour saving

Safety:

Please refer to the Product Material Safety Data Sheet*.

