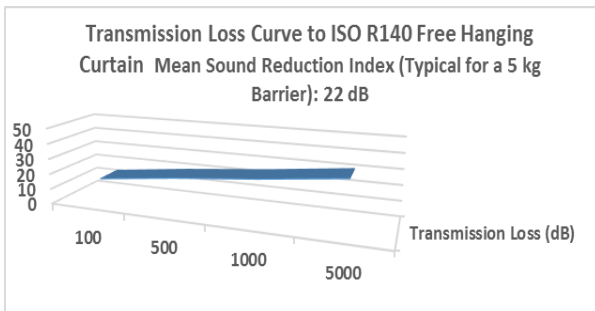
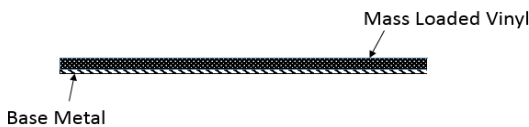


Product Description/ Specification

SoundMet® is an innovative an acoustic jacketing developed by BS Stainless. It is a combination of base metal and Mass Loaded Vinyl (MLV) bonded together to provide a superior acoustic damping in insulated pipelines. Most popular base metals are Stainless steel and Aluminium, other base metals can be supplied if requested. The MLV is a PVC loaded with Barium Sulphate.

The Jacketing is ISO 15665 approved and is an effective system for all classes of acoustic insulation. Standard density of the MLV is 2.5 g/cm³.



Benefits To Insulation System:

Technical

- Effective Sound Dampening
- Prevents Moisture Ingress
- Improved Adhesion at overlaps
- Enhanced Life Expectancy
- Corrosion Resistance

Commercial

- Man-Hour Savings
- Shipping Cost
- Maintenance
- Maintains Integrity
- Quick Application Process – Minimum Moisture Absorption Overnight

Physical Properties (MLV)	
Colour	Black
Hardness	85 Shore A
Superficial Weight	4.88 Kg/m ² (1.0 lb/ft ²)
Nominal Thickness	2.0 mm
Tensile Strength	1.5Mpa
Elongation at Break	100%
Oil Resistance (2hrs @800C) Diesel oil	Shrinkage <3 %, no loss of Integrity
Engine oil	Shrinkage < 3%, no loss of integrity
Flammability	FMVSS 302 Self – Extinguishing
	ISO 3795 B< 1.7mm/s
Operating Temperature	-20 ⁰ C - +93 ⁰ C
Density	2.5 g/cm ³





Advantages:

SoundMet® is an acoustic insulation jacket and provides a high quality dampening of noise from the pipeline. Laminated MLV ensures integrity of the cladding and also prevents jacket damage during shipping and installation.

What makes SoundMet® unique is its speedy application as two processes of applying vinyl and metal have been integrated together, this will also allow labour cost savings.

The jacket can also be produced with a PVDF paint on the topside. For more details, please see CoolMet® data sheet*.

All the products are manufactured under our supervision in the UK and comply with oil and gas industry safety standards.

Safety:

Please refer to the Product Material Safety Data Sheet*.

Packaging:

All Coils are packed eye to side, weights are typically 0.5 tonnes but can be produced to required weights to order. Material will be packed on wooden pallets and shrink wrapped.

Soundmet® can also be supplied in flat sheet form available in either standard length or custom produced to required length.

Heat treated pallets will be supplied where requested.

*All datasheets are available on request



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