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metro seal Product Information Sheet

Item Code: ER22

Item Description: Nitrile/PVC Closed Cell Foam

ER22 NBR/PVC Closed Cell Foam Available in rolls or sheets it is an excellent thermal insulator (sealing) material.
Also available with a self adhesive backing for ease of application

- Material Profile: see below
- Thickness: 6mm to 25mm
- Sheet Size: 1.0m wide in 8m, 10m, 14m, 20m and 30m rolls
- Finish: Smooth finish
- Cutting: Standard press-tools

Technical Information

Material	Expanded / Sponge
Application	General Purpose, High Temperature, Oil / Fuel Resistant
Shore Hardness +/- 5°	none
Thickness	6mm, 9mm, 12mm, 15mm, 20mm, 25mm
Temp Range	-150° C, -60°C, -50°C, -40°C, -30°C, -20°C, -10°C, +70°C, +80°C, +90°C, +100°C, +110°C
Colour	Black
Insertion Req	No
Cloth/Plate	Plate / Plate
Resistant To	N/A

metro seal a division of Accrasystem Limited

Units 28 & 30, Purdeys Way, Purdeys Industrial Estate, Rochford, Essex SS4 1ND UK

tel: 01702 548800 fax: 01702 549966 email: sales@metro seal.co.uk

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The stock roll size chart represents our standard stock range and items stated are not subject to any minimum batch quantities. Other size requirements for thickness, width, length or finish can be made to special order but would be subject to minimum production batch runs.

This normally would be:-

1mm – 6mm thick – 100 linear metres,
8mm – 25mm thick – 50 linear metres,
Over 25mm thick – 10 sheets.

Further details given upon request.

Surface Finish Codes:-

SS – Smooth finish both sides
CC – Cloth Impression both sides
CS – Cloth impression one side, smooth the other



Stock Sheet Sizes	Surface	Weight	Specifications	Values
[m x m x mm]	[finish]	[kg/M2]	[compound]	[typical]
6mm x 1000mm x 30m	Skin		Colour	Black
9mm x 1000mm x 20m	Skin		Compound	NBR/PVC
13mm x 1000mm x 14m	Skin		Density [specific gravity]	1.5
15mm x 1000mm x 10m	Skin		Thermal conductivity (mean te BS 874 Part 2 1986 @ +20°C	0.037W/(m.K)
19mm x 1000mm x 20m	Skin		Water vapour permeability Moisture Resistance factor:	μ>5,000
25mm x 1000mm x 8m	Skin		(BS 4370 Part 2 1973)	13/μgm/(N.h)
			Minimum Temperature	-150°C
			Maximum temperature	+116°C
			Water Absorption: (by volume after 28 days)	0.9% average
			Fire performance: BS 476 Part 7 1987	Class “1”
			BS 476 Part 6 1989	Class “0”
			Noise reduction:	Up to 30dB(A)

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