



Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products

P & P TECHNOLOGY

EMI/RFI Shielding Specialist Manufacturers



P & P TECHNOLOGY

EMI/RFI Shielding Specialist Manufacturers



Formed in 1989 by a
small group of
engineers



Since grown to become
one of Europe leading
manufacturers



Extensive engineering
knowledge and
experience



Helpful and knowledgeable
team from conception to
delivery



Focused on product/service
quality, on time delivery
and price



ISO9001:2015
Registered

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products

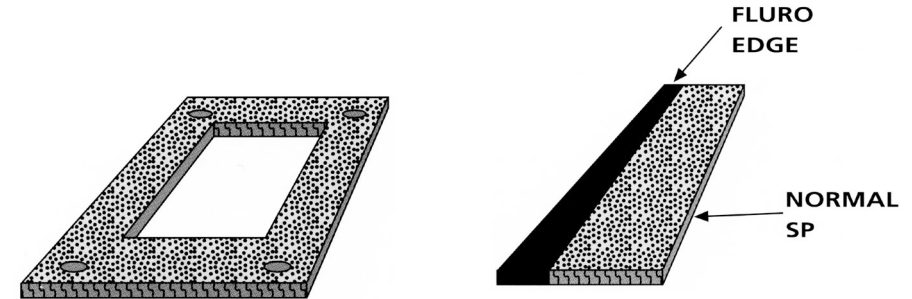


SILSHIELD | ORIENTED WIRED IN SILICONE

SP SHIELDING



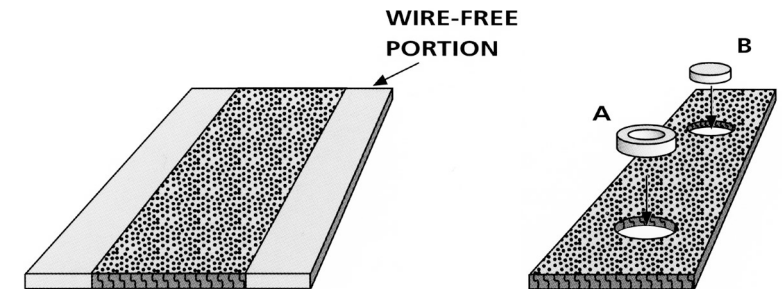
Vertically orientated wires bonded into silicone providing around 100 contact points per cm². Available in sheet and gasket form.



SF SHIELDING



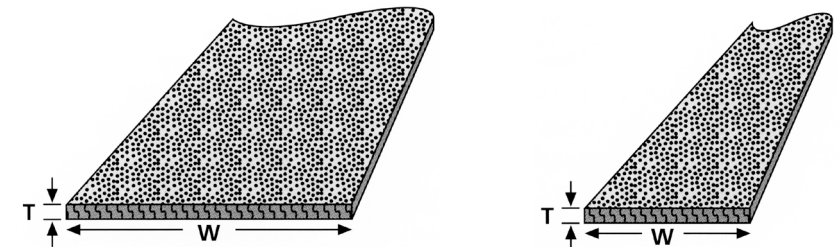
A petro-chemical resistant fluorosilicone variant of the SP Shielding. Offering protection against hydro-carbons, which is blue in colour.



SR SHIELDING



The flame retardant variant of the SP Shielding, which is black in colour.



Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



EXSHIELD | CONDUCTIVE SILICONE

EC SHIELDING



Silicone or fluorosilicone with metallic particle filler forming a high conductive elastomer.

ES SHIELDING



Silicone or fluorosilicone supplied either as sheets or pre-forms and die-cut into gaskets as required.

EFP SHIELDING



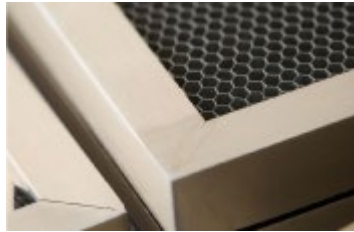
Dispensed gasket, precisely applied by a dispensing nozzle under CNC control to enable continuous application of intricate, small cross section gaskets.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



VENTSHIELD | ATTENUATED VENTS

VH SHIELDING



A range of honeycomb ventilation panels using either single or double layer or aluminium honeycomb mounted within and extruded aluminium frame. Various styles available can be fitted with various options.

VB SHIELDING



VH Shielding honeycomb attenuation vent assemblies with demountable dust filter panels containing a demembrated polyurethane filter. Protecting against ingress of dust and foreign matter.

VT SHIELDING



Thin vents for applications where space is at a premium.

VF SHIELDING



Dust filtration units that can be mounted as separate units or as part of the attenuation vent assembly. Any vent is available with a range of aluminium or stainless steel kick plates.

VP SHIELDING



Honeycomb vent panel, designed for high performance applications such as screened rooms, military applications and shelters.

VM SHIELDING



Fully customisable vent assemblies are constructed with a gasket, dust filter and kickplate. An additional option is to have the outer layer of mesh slanted to promote water drain off.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



CONDUCTIVE FINGER STRIPS

CFS SHIELDING



Available in a wide range of profiles
and materials

CONDUCTIVE FOIL TAPES

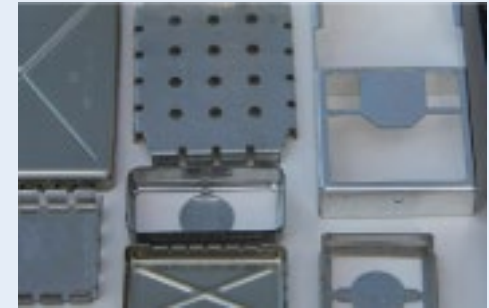
TF SHIELDING



Stock of Aluminium and Copper
tapes including Bake and Peel.
Available widths from 6mm-300mm

SHIELDING CANS

PCB SHIELDING CANS



Metal screening CANS. Parts
available with maximum dimensions
of 600mm x 600mm and
thicknesses ranging from 0.05mm to
3.00mm.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



WINSHIELD | SHIELD WINDOWS

WG SHIELDING



A low cost range of windows with the same high level of shielding performance as WF Shielding but with edge lamination only.

WC SHIELDING



Cast windows are a one piece optical filter with the mesh totally encapsulated into clear plastic. This offers increased shock/vibration and environmental protection.

WF SHIELDING



Fully laminated windows are available in glass for various applications. Window size up to 3m x 8m with a wide range of busbar and gasket options. Thickness from 1.0mm upwards.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



KNITSHIELD | KNITTED MESH

KP SHIELDING



Knitted wire mesh in Monel, Aluminium, Stainless Steel, Brass & Tinned Copper-clad Steel (TCS).

KE SHIELDING



Knitted wire mesh (types as KP Shielding) with an elastomer core, typically of neoprene or silicone.

KC SHIELDING



"Twinstrip" gaskets provide the high shielding levels of wire mesh with an environmental seal fitted in tandem.

KM SHIELDING



KM Shielding Wire mesh shielding with an aluminium extrusion carrier provides a ready to mount strip or frame.

KW SHIELDING



KW Shielding knitted mesh bandage is a tubular form knitted stocking supplied in flat tape form.

KR SHIELDING



Compressed mesh washers, gaskets and seals utilise knitted mesh formed under pressure into resilient high density profiles.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



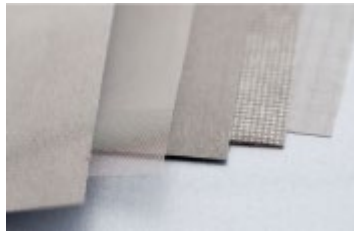
METWEAVE | SHIELDING

MW SHIELDING



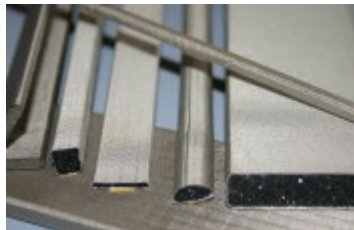
A range of materials using a sponge core wrapped with a highly conductive impregnated fabric.

MF SHIELDING



A range of highly conductive fabrics.

MS SHIELDING



Conductive sponge between two layers of conductive fabric.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



SPECIALISED MATERIALS

TS SHIELDING - TWINSEAL



Twinseal provides both superior EMI shielding performance complimented with environmental protection.

GA SHIELDING - ALUWEAVE



An ultra gasket material comprising 0.4mm woven aluminium mesh filled with a silicone, fluorosilicone or neoprene elastomer.

GX SHIELDING - MONEX



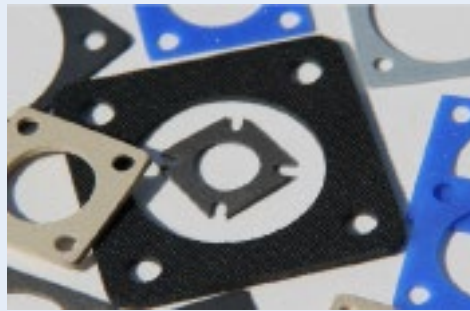
Similar to the GA Shielding but using an expanded Monel foil 0.5mm or 0.75mm thickness.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



CONNECTOR GASKETS

DC SHIELDING

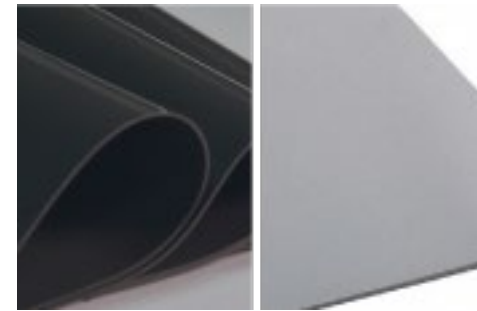


Conductive and non-conductive connector gaskets including 38999, 26482, D-Type, Waveguide and bespoke designs in a wide range of thickness and materials.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products

RF ABSORBER & THERMAL

RF MANAGEMENT & THERMAL



Absorber products to absorb RF radiation across VHF, UHF microwave frequencies.

Thermal interface materials available in a range of size and thickness.



NON CONDUCTIVE GASKETS

RS SHIELDING



Non-conductive gaskets and seals can be used as an environmental seal to prevent dust, moisture and water ingress up to IP67 environment.

Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products

CONDUCTIVE ADHESIVES

AS SHIELDING



A range of one-part conductive particle filled silicone rubber adhesives. Silicone free, paintable options available.



Specialist Manufacturers
of EMI/RFI Screening
and Shielding
Products



P & P TECHNOLOGY

EMI/RFI Shielding Specialist Manufacturers

Unit 5 Cherrytrees, Wethersfield Road,
Sible Hedingham, Essex.
CO9 3LZ United Kingdom

T: +44 (0) 1376 550525

E: info@p-p-t.co.uk

W: www.p-p-t.co.uk