

PROPMAKERS MATERIALS

We have had a bit of a sort out and we have re-organised this section so it starts with stringy things, then blobby things, then lumpy things, then sheety things and finally...

"All sorts of queer things,
Things never seen or heard or written about,
Very strange, un-Welsh, utterly peculiar
Things. Oh solid enough they seemed to touch,
Had anyone dared it. Marvellous creation,
All various shapes and sizes, and no sizes,.....

[an extract from Welsh Incident by Robert Graves]

Many other Propmaking Materials are listed elsewhere in this catalogue.

PAPER ROPE



Paper Rope A versatile material used to create formers for stiffening glass fibre but also to make curved mouldings, texture effects and relief. It can be fire proofed with Flamebar type SIWA2 [page 1.40] and textured with

Idenden [page 1.37]. I have heard it is also used for pyrotechnic fuses.

Paper Rope thickness	code	per metre	per coil	per 10 coils
6.5mm	PRO120	£0.13	200m [reel]	£16.48
13.8mm	PRO121	£0.35	250m	£500.00
18mm	PRO122	£0.52	100m	£287.00
25.5mm	PRO123	£0.91	100m	£554.00
40mm	PRO124	£1.65	40m	£380.00
55mm	PRO125	£2.86	25m	£419.00

SINGLE STRAND GALVANISED WIRE [SENTINEL]



Galvanised Single Strand Wire An economical wire for binding and forming small armatures. 500g and 10kg coils. Also called Sentinel Wire. For softer wire choose aluminium armature wire listed in the next column.

Galvanised Single Strand Wire		code	price
diameter	z/x kg length		per z/x kg coil
0.71mm	161m	WIRO60	£3.33
0.90mm	100m	WIRO61	£3.23
1.00mm	81m	WIRO63	£3.16
1.25mm	51.9m	WIRO65	£3.07
1.60mm	31.6m	WIRO67	£2.72
2.00mm	20.3m	WIRO69	£2.63
diameter	10kg length		per 10kg coil
2mm	407m	WIRO76	£32.62
2.5mm	260.5m	WIRO77	£31.86
3.15mm	164.1m	WIRO78	£30.40

Wired Armature Rope Unfortunately just as this product was becoming very popular the manufacturers decided to stop making it! We will keep our eyes peeled for a new supplier.



This page was updated 13/04/12

ALUMINIUM ARMATURE WIRES



Round Aluminium Armature Wire This popular wire is easy to work, enabling rust proof armatures to be constructed at great speed. Ideal for animation. It also has decorative uses such as

imitation silver binding on sword handles and representing climbing plants.

Aluminium Armature Wire diameter	length	code	per coil	per ten coils
0.7mm	30m	ARM0730	£9.00	£82.50
1.0mm	30m	ARM10	£4.50	£40.50
1.5mm	17m	ARM15	£4.50	£40.50
2mm	9m	ARM20	£5.00	£45.00
3.2mm	10m	ARM32	£7.00	£63.00
4mm	3m	ARM40	£4.50	£40.50
5mm	3.75m	ARM50	£5.63	£50.70
6mm	2.5m	ARM60	£5.63	£50.70
8mm	3m	ARM80	£10.13	£91.20
10mm	3m	ARM100	£11.25	£101.30

new



Square Section Aluminium Armature Wire We have added

a range of square section soft aluminium armature wires for

those who prefer using square to round! For Mod Mesh and Formetal see page 1.61.

Square Aluminium Wire square	length	code	per coil
3.18mm	5m	ARM318S	£5.50
4.75mm	5m	ARM475S	£7.77
6.35mm	3m	ARM635S	£13.50
9.53mm	3m	ARM953S	£16.53

new



Coloured Aluminium Armature Wire Excellent

for decorative work. Often used for floral displays. Also available as a mixed pack of 12 rolls.

Fantastic value! For Mod Mesh and Formetal see page 1.61.

Coloured Aluminum Wire		code	per coil
Colour	diameter approx. length		
Black	2mm 12m	ARM02N	£5.52
Red	2mm 12m	ARM02R	£5.52
Blue	2mm 12m	ARM02B	£5.52
Green	2mm 12m	ARM02GR	£5.52
Gold	2mm 12m	ARM02G	£5.52
Mixed pack of 12 rolls [extra colours]		ARM02SET	£45.89

PLASTIC BARBED WIRE



Plastic Barbed Wire A safer version of the real thing. The bars are plastic but the wire is real. When inquiring at the local ironmonger about the price of real barbed wire,

the wise man replied "It's 50p a metre, but you measure it yourself!" [Take care when opening the coils].

Plastic Barbed Wire	code	5m	30m	10 x 30m
	PROPBW05	£5.50		
	PROPBW30		£123.90	£675.00

NEWPLAST - PLASTICINE



Plasticine Simple to use non toxic modelling medium, available in a range of colours. It can be used, and re-used, for every modelling job, easy to shape. Conforms to BS 5665 CE.

Plasticine	code	500g
	Black PR0490	£1.99
	Dark Blue PR0491	£1.99
	Light Green PR0492	£1.99
	Red PR0493	£1.99
	Stone PR0494	£1.99
	Terracotta PR0495	£1.99
	White PR0496	£1.99
	Grey PR0497	£1.99
	Violet PR0498	£1.99

For clay see page 1.73. For armature wire see page 1.57.

PLASTILIN

1.58 **new**



Plastilin A high quality wax based modelling material with the smooth consistency of clay but does not dry out so it can be used over and over again.

Plastilin	code	1kg
Standard Grade [Ivory]	PROPLS	£4.25
Hard Grade [Grey]	PROPLH	£5.34

MILLIPUT



Milliput Extremely versatile 2 part putty. When the 2 parts are mixed together, the

mixture can be used for modelling, repairs to ceramics, cars, water pipes, tiles, etc. It has a working time of about three hours, when hardened it can be drilled, sawn, carved or filed. Now also in black.

Milliput	code	113.4g
new Black	FIL195	£5.28
Silver Grey	FIL192	£5.09
Standard, Grey/Yellow	FIL190	£3.03
Superfine White	FIL193	£5.32
Terracotta	FIL191	£3.45

For Mod Roc see page 1.73.

IMPRESSION COMPOUNDS



Alginate Impression Compound Alginate is a powder which, when mixed with water (1L water to 500g powder) forms a gel suitable for taking impressions of human tissue. It is a natural plant extract which is quick setting, self releasing, spearmint flavoured, and gives excellent reproduction of fine detail. It has been used by dentists for many years and is considered safe for use on the skin. The skin should be lubricated with petroleum jelly to protect hair growth. Our Alginate features colour change characteristics to aid the user. The initial violet mixing stage will change to pink when it is ready to take an impression. The colour will finally change to white once the Alginate has set. Each 500g package is enough to take a full face cast and the packs come with complete mixing instructions and measuring scoops. An outer casing can be made with plaster bandage to support the Alginate.

Alginate Impression Compound	code	500g
	PROALG500	£5.64



Skinsil - Body Double Skinsil Fast Set is a long lasting silicone rubber that can be applied directly to the skin to make moulds of the face, hands and other body parts. It is supplied in a 454ml cartridge tube system which mixes the product as it is being dispensed. The rubber cures quickly and will reproduce much more detail than using alginate. The mould can also be used for repeated

castings using plaster, resins etc. Skinsil will not stick to skin although it will mechanically lock onto hairs. Body double release cream will make releasing easier. Once the mould has set it should be coated with Vaseline, and a Gypsona plaster bandage [see page 1.73] support shell should be made. Full instructions and health and safety sheets are included with the product.

Skinsil - Body Double	code	each
Dispensing cartridge [with two mixing nozzles]	PROSKN1	£52.28
Extra mixing nozzles	PROSKN2	£2.78
Body Double release cream [per 3.5oz]	PROSKN3	£10.99
Dual cartridge dispensing gun	PROVBM200X	£29.01

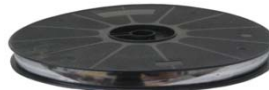
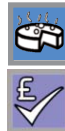
LIBERON IRON PASTE



Iron Paste Zebrite is no longer available so we are now stocking this Liberon equivalent which will restore the appearance of cast and wrought ironwork such as grates, fire surrounds and fire irons. For scenic use it can be used on firebacks, stoves, boilers and pipes but it shouldn't be used on working wood burning stoves or radiators. Apply sparingly with a brush or cloth and buff up after at least 4 hours with a cotton cloth. Makes wooden scenery look like solid cast iron. 250ml is enough for up to seven fireplaces.

Liberon Iron Paste	code	250ml
	PAT396	£8.86

SELF ADHESIVE WINDOW LEAD



Self Adhesive Window Lead An easy to use self adhesive lead tape to make realistic leaded windows. For French Enamel Varnish and Colorine see page 1.14. For Stain Glass Sprays see page 1.27.

Self Adhesive Lead Tape	code	50m
4.5mm wide	TAP161	£10.55
6mm wide	TAP162	£11.43
9mm wide	TAP163	£13.55
12mm wide	TAP164	£20.34

BALSA WOOD

new

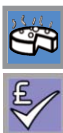


Balsa Wood A selection of 149 pieces including blocks, sheet and strips, lengths approximately 200mm.

Balsa Wood Pack	code	per 149 pieces
	PROBALSA	£44.16

DISCONTINUED

WOODEN RIVETS



Wooden Rivets These beech turnings are ideal for representing steel girder rivets. For a realistic rust effect try iron powder listed on page 1.21 or the new Dirty Down Spray on page 1.27.

Wooden Rivets	code	each	per100	per1000
Diameter				
3/4"	[18mm] PRO200	£0.19	£14.00	£113.00
1"	[25mm] PRO201	£0.20	£17.00	£150.00
1 1/4"	[32mm] PRO202	£0.23	£20.00	£170.00
1 1/2"	[38mm] PRO203	£0.25	£21.00	£170.00

WOODEN BALLS



Wooden Balls A multitude of decorative uses. For the vicars coconut shy use 50mm or 70mm. Made from birch. Wooden knobs can be found on page 2.67. For coconut glue see page 4.05.

Wooden Balls	code	each	per100	per1000
Diameter				
12mm	PRO210	£0.12	£10.00	£90.00
19mm	PRO211	£0.16	£14.00	£120.00
25mm	PRO212	£0.24	£20.00	£180.00
33mm	PRO213	£0.51	£46.00	£420.00
50mm	PRO214	£0.97	£85.00	£790.00
70mm	PRO216	£4.60	£430.00	£4,000.00

EXPANDED POLYSTYRENE BALLS

new



Polystyrene Balls Turned and moulded fire retardant polystyrene balls for set decoration and props. These balls can also be ordered in other sizes. See page 1.60 for polystyrene sheets.

The balls on each side of a ships compass are used to correct compass deviation and were invented by Lord Kelvin. They are called Lord Kelvins Spheres.

Polystyrene Balls	code	each	per 10
50mm diameter (moulded)	PROPB50	£0.59	£3.80
100mm diameter (moulded)	PROPB100	£1.37	£9.10
150mm diameter (cut)	PROPB150	£17.49	£148.40
250mm diameter (cut)	PROPB250	£34.94	£296.80

EXPANDED POLYSTYRENE BEADS

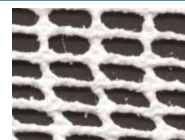
new



Expanded Polystyrene Beads These FR grade beads are typically used to fill bean bags Sold in bags of 5 cubic feet. See page 1.60 for polystyrene sheets.

Polystyrene Beads	code	each	Tradeline	
			per 10	each
	PROPB5	£16.20	£14.15	each

VARAFORM



Heavy

Light

Membrane

new size



A simple dinosaur mask using aluminium armature wire with heavy Varaform and Membrane scales.



Safe, quick and easy!

Varaform has become a best seller since we introduced it in 2002. It is a natural cotton mesh impregnated with a thermoplastic resin. When heated with hot water or hot air it quickly softens so that it can be worked into any shape. It sets on cooling to form a rigid lightweight armature. Varaform will stick to itself in its warm state and it can be re-heated and re-moulded as many times as required. It is non toxic and has an indefinite shelf life. Varaform is biodegradable, water resistant and is 50% lighter than plaster of Paris making it ideal for use as elaborate masks. It is extremely easy and clean to use and could potentially save the propmaker hours of messy work. Available in three grades. We now also stock smaller sheet sizes ideal for masks or for sampling. Highly recommended. Ask for a free sample.



Varaform Rolls	width	code	per m	per 10mroll
Heavy	1200mm	PROVAR201	£35.42	£324.00
Light	900mm	PROVAR211	£23.15	£209.00
Gauze Membrane	1150mm	PROVAR221	£25.37	£228.00
Varaform Sheets	code	width	length	per sheet
Heavy	PROVAR204	450mm	600mm	£9.73
Light	PROVAR214	450mm	600mm	£7.57

WONDERFLEX 3



Wonderflex 3™ is a light but tough heat activated formable composite sheet material which can be moulded to any shape by applying moderate heat [70-80°C]. A hot air gun [500-100watt] is the usual tool but ovens, microwaves and hot water can also be used. When hot, the adhesive activates so it will stick to itself but not to your fingers, allowing extra shapes or additional thickness to be easily achieved. The patented material is easy to cut with scissors or utility snips, and the off cuts can be saved for future projects. Once formed into a shape it becomes very stiff and strong. The material can be reworked by re-applying heat. A clean and timesaving props material which is ideal for making masks and costume props.

- ✓ After heating you have 1-2 minutes of open time.
- ✓ Off - white finish accepts most scenic paints and textures.
- ✓ Free form or mould over an object [use foil or release agent to stop sticking].
- ✓ Sculpt with a tongue depressor or flat screwdriver.
- ✓ If you are not happy with the shape just re-heat and re-shape.
- ✓ Providing your joints are neat, Wonderflex will hold water.

Wonderflex 3	code	per 1/2 sheet	code	per sheet
		[698.5mmx1092.2mm]		[1397mmx1092.2mm]
	PROTRM318	£25.00	PROTRM3	£45.00

FOSSHAPE



Fossshape™ is a unique patented non woven fabric. The breathable fabric can be cut to shape with scissors and sewn to itself or other fabrics. So what makes it unique?

Fossshape can be heated with a domestic steamer [or hot air gun] to form any shape. When heated the material will shrink and become stiff. Its breathable properties and very light weight make it ideal for stiffening costumes and making large headgear and costume props. Fossshape's white fluffy texture would make it a good choice for snowscene displays and costumes. Choose Fossshape 600 for larger items. **Width is 45" (1143mm)**

To make a simple Skullcap using Fossshape
 Cut about a 2ft square and drape it over a headblock. By hand, stretch the material over the block and pin or fasten to bottom appropriately. Using a hot air gun or ideally a steamer, wave it over the Fossshape until it shrinks up against the block. If a thicker structure is required apply more layers. A steam iron with gentle pressure will bond the layers together. Remove from the block and trim!

Fossshape [1143mm]	code	per m	per 45.5m roll
Fossshape 300gsm	PROFS300	£12.00	£440.00
Fossshape 600gsm	PROFS600	£22.00	£880.00

PLASTAZOTE



Plastazote A soft expanded polyethylene foam which is tough but easy to cut with scissors or craft knives. It can be vac formed or heat moulded. If heat moulding, pre-heat the oven to 140°C and heat for 12 seconds per mm thickness turning if necessary. It should feel warm but not sticky. Density 45kg per m³. Supplied white.

Plastazote [1mX750mm]	code	price
3mm thick	PROPLW3	£4.21
6mm thick	PROPLW6	£6.58
12mm thick	PROPLW12	£11.94

For two part expanding rigid and soft foams see pages 1.74-1.75.

RIGID FOAM SHEETS

new



Rigid PVC Foam Sheets
 Lightweight rigid PVC foam sheet, sometimes referred to as Foamex, a real alternative to acrylic. Available in 605x605mm sheets 3mm thick in black or white. Supplied with a polythene protective film on one side.

- ✓ Both faces semi matt, ideal for printing and painting.
- ✓ Self extinguishing Class 1 fire rating. ✓ Weather resistant and rot proof. ✓ Can be nailed without splitting [blunt the nail head first and nail more than 6mm from the edge].
- ✓ Easy to machine, no specialist tooling. ✓ Fully thermoformable. A full information sheet is downloadable from our website - flints.co.uk.

Rigid PVC Foam Sheet	colour	code	per sheet
	white	PRO1002114W	£6.17
	black	PRO1002114B	£6.17

FIRE RETARDANT GRADE POLYSTYRENE

Now also in black!



Expanded Polystyrene Flints stock two thicknesses of FR grade polystyrene now in **black** or white. Polystyrene should be glued using a suitable adhesive such as Tretobond 375 or General Purpose Adhesive 1088. Flints Cyclorama Adhesive, Copydex, Flexbond and two part foams are also suitable.

See below and also page 1.75 for more polystyrene cutters.

Size	code	price
2440 x1220x25mm [8'x4'x1"] white	PROFRP1	£14.30
2440 x1220x50mm [8'x4'x2"] white	PROFRP2	£20.26
2440 x1220x25mm [8'x4'x1"] black	PROFRP1B	£21.45
2440 x1220x50mm [8'x4'x2"] black	PROFRP2B	£29.06

Note: Due to packaging difficulties, this product can not be sent on parcel carriers. Flints can deliver in the London area on our own transport for £20.00 or it can be collected from our trade counter.

FINE CELL EXTRUDED POLYSTYRENE

new



Modelfoam Fine cell extruded polystyrene which is very easy to shape and form using conventional hand tools. It can be glued with Modelfoam Adhesive. Modelfoam comes in two grades- use the dense grade for finer detail work. Battenburg colours. Dense is

always blue but the standard may be orange or yellow [at random!]

Modelfoam	thickness	grade	code	per 600x300mm sheet
	25mm	dense	PRO1001933	£3.81
	25mm	standard	PRO1001773	£3.22
	50mm	dense	PRO1001971	£6.05
	50mm	standard	PRO1001810	£5.45

Modelfoam Adhesive Ideal for fine cell extruded polystyrene. Water based. Sets in 30 minutes.

Modelfoam Adhesive	code	per 1 Litre
	PRO1002091	£8.67

POLYSTYRENE CUTTERS

HIRE



Flints Polystyrene Cutter A robust machine designed to cut polystyrene up to 8ft thick using a thin heated wire. The machine also has a wire sculpting facility. Isolated low voltage safety output voltage. Continuously variable speed control including amp meter to speed up wire settings. Comes complete with mains input lead and twin heavy duty output leads. 240v.

Why not hire? See page 3.78

NOT YET AVAILABLE

Turbo 400 Polystyrene Cutter	code	price
Polycutter Machine only	FHSPOL	£745.00
Thin wire handle	FHSPOLYWH	£89.00
Sculpting hand	FHSPOLYSH	£59.00
Machine with Handles	FHSPOLYK	£849.00
Sculpting wire [per metre]	PROT400SW	£4.58
Thin cutting wire [per 125g reel]	PROT400CW	£15.40

COMING SOON!

See also page 1.75 for more polystyrene cutters.

CHICKEN WIRE MESH [INC. GALVANISED AFTER]



Chicken Wire Every year we have to find a new supplier of this product. Unfortunately it is getting almost impossible to source the much preferred "galvanised after" mesh which holds its shape better than the rather springy "galvanised before" type. We can still obtain 50m rolls of 50mm hole mesh which is galv. [to BS4431] after but the rest is made from pre galvanised wire.

Chicken Wire [36 Inch]			code	price
length	hole size	gauge		
10m	13mm	22g	PRO300	£31.06
25m	13mm	22g	PRO310	£54.47
10m	25mm	20g	PRO301	£22.96
25m	25mm	20g	PRO311	£46.38
10m	50mm	19g	PRO302	£16.54
25m	50mm	19g	PRO312	£31.70
50m	50mm	19g	PRO313	£60.02

Chicken Wire Galvanised After [50m x 900mm]

hole size	gauge	code	price
50mm	20g	PRO301GA	£45.00

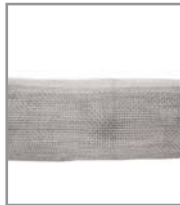
For galvanised staples see page 2.81.

MOD MESHES

new size



Fine



Medium



Coarse

Mod Mesh Aluminium These are aluminium meshes which form easily in the hand and retain fine detail. Available in fine, medium and coarse gauges. Perfect for masks and small detailed props. May be covered with Mod Roc or the Jesmonite system.



Mod Mesh Copper All the features of the aluminium meshes but this copper mesh can be soldered, making it ideal for small props and model making.

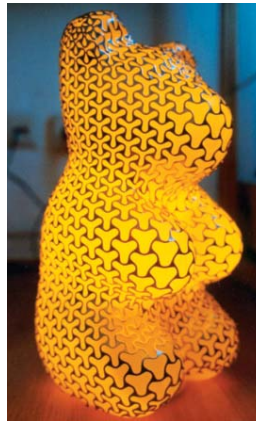
Mod Mesh	hole size	width	code	per 3m roll
Aluminium Fine	1x2mm	500mm	PROM078A	£20.79
Aluminium Medium	2.5x4.5mm	500mm	PROM078C	£18.75
Aluminium Coarse	5x10mm	500mm	PROM078F	£18.75
Copper Medium	2.5x3mm	500mm	PROM074A	£48.29

See the next column for Formetal Aluminium meshes.

Covering Metal Meshes

Formetal and the meshes above can be covered using the Jesmonite system. Jesmonite is a water based acrylic resin and powder which, when mixed, forms a hard laminate. Full details of the system are listed on pages 1.69-1.70.

FORMETAL



Formetal is the original novel aluminium sheet product which combines the smoothness of a punch metal sheet with the formability of expanded mesh. The sheet can be stretched and shrunk easily by hand allowing armatures to be made with ease. Formetal can be moulded around objects without puckering. The material has a great decorative potential when left exposed or it can be clad with the Jesmonite system or glass fibre resins. If Formetal is sandwiched

between soft foam, the foam can then be formed into shapes which will be retained. It is useful for lightweight structural costumes as the material can be made to fit the body shape exactly. Available by the metre or roll in three thicknesses.

Formetal	code	per mx1m wide	10m plus per m
0.5mm thick	FOR050	£29.59	£25.90
0.8mm thick	FOR080	£37.00	£31.00
1.2mm thick	FOR120	£43.00	£38.50

See alongside for a range of fine metal meshes.

ALUMINIUM FOILS

new



AluShape This is a stiff aluminium foil which is covered in one or both sides with a fine cotton material. It can be very easily formed into any shape by hand. The cotton cover can be painted or printed inks. Ideal for making background tree or rock structures. Use it in conjunction with aluminium armature wire [see page 1.57] to make quick and light structures. The material is reusable. Fire certs to NFP-M1, BS-2B. Width 1400mm Wts: Single sided 459g/m² double sided 649g/m².

AluShape	code	per m	per 10m roll
Single sided natural	PROASS	£26.19	£226.00
Double sided natural	PROASD	£34.23	£296.00

SHEARS FOR ALUMINIUM MESHES

new



Multisnip Master For long continuous straight and curved cuts. All metal parts are stainless steel and the fibreglass handles have a soft



insert. The angled cutter head keeps the material at a distance and out of the danger zone. Cuts thin sheet metals as well as cardboard, paper, fabric etc. See also Prosnips on page 3.27.

Multisnip Master	code	price
235mm with 50mm blade	BESD51A	£12.30

THINGS OF NO SIZE SHAPE OR COLOUR