



- » Thread Seal Tape

- » Engineering Plastics
- » Insulation Sets
- » Spray Shield





**GLOBAL LEADER** 

LOCAL PARTNER



PVC

» Lightweight, durable & low cost

» Media - not resistant to ketones

» Limitation - temperature restrictions

» Applications - pipes, sheeting, flange covers

» Media - resistant to all inorganic chemicals

» High chemical resistance

» Temperature: 0°C to 60°C

» White in colour

POLYPROPYLENE

» Resistant to chemicals

» Milky translucent in colour

» Temperature: 0°C to 110 °C

» High stiffness, hardness & strength

» Applications - piping, bushes, bench tops & wear strips

» Media - not resistant to strong oxidising agent

» Limitation - poor UV, impact & scratch resistance

» Media - resistant to weak inorganic acid, alkali & alcohols

UHMWPE

» Extremely tough

» High abrasion & wear resistance

» Limitation - temperature restrictions

» Temperature: -50°C to 90 °C

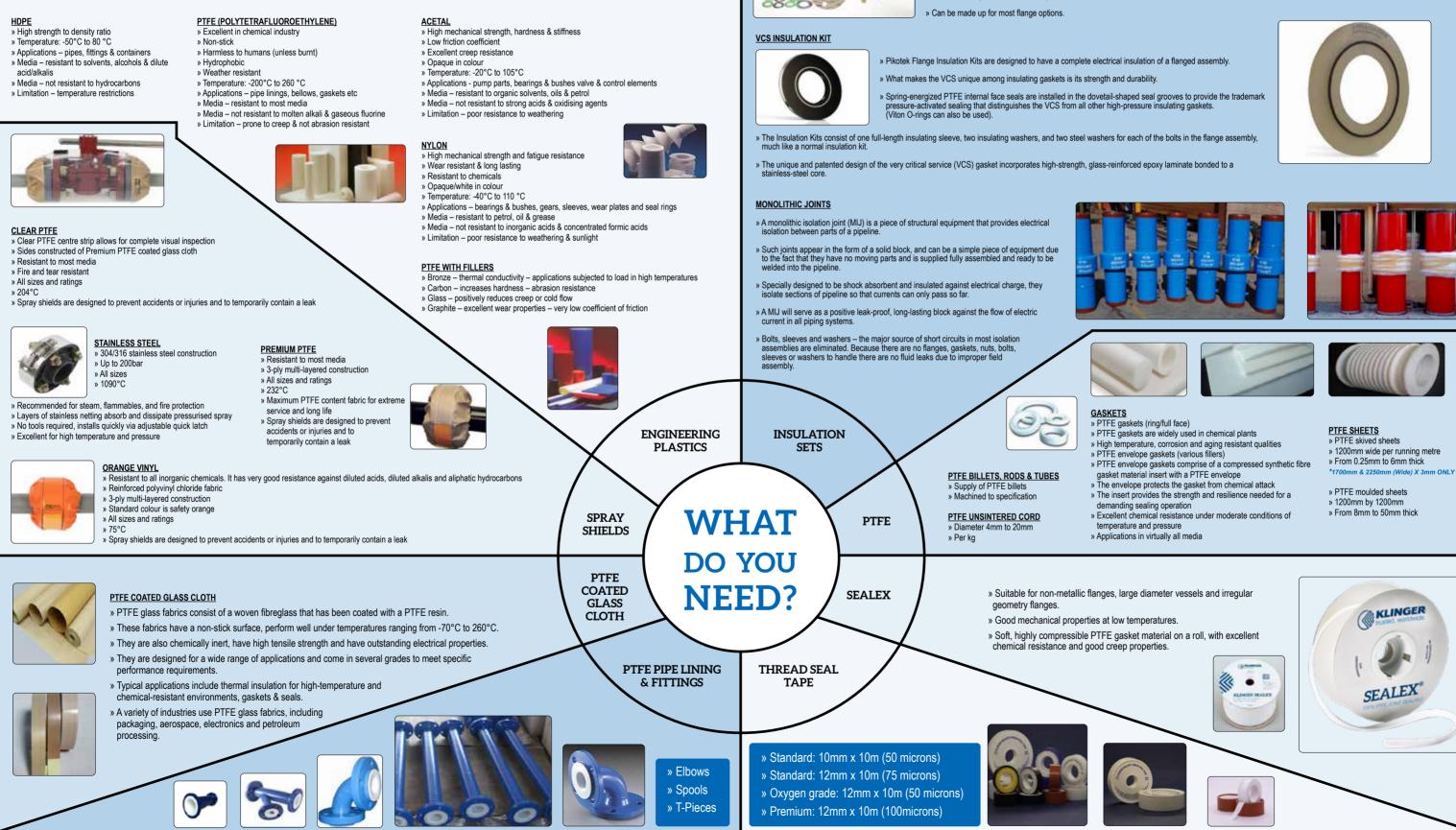
» Durable, low friction & chemical resistance

» Media - not resistant to strong oxidising agents

» Applications - mechanical duties in water, oil, hydraulics & pneumatics

» Media - resistant to concentrated acid, alkali & organic solvents

# KLINGER Engineering Plastics - Select the correct product for the job.







### STANDARD INSULATION KIT (FULL FACE OR RING GASKET)

lation sets are used to limit corrosion in pipeline systems. Where dissimilar metals are present, the sets remove the possibility of the system acting as a galvanic cell and reduce the risk of galvanic corrosion of the pipework.

» Each flange insulation set comprises one gasket, one insulation sleeve, two insulating and two plated steel back-up washers per bolt.

» The sets also offer cathodic protection by isolating protected piping systems and preventing the flow of electro-static charges

» Media can range from water to oil, gas, petroleum or chemicals.



# KLINGER Engineering Plastics



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ENGINEERING PLASTICS PRODUCT GUIDE												
DESCRIPTION AND INFORMATION REQUIRED FOR ENQUIRY												
DESCRIPTION	STANDARD QUESTIONS			INFORMATION REQUIRED TO QUOTE								
PTFE GASKETS	TEMP	MEDIA	PRE	QTY	OD	ID	тнк					
ENVELOPE GASKETS	TEMP	MEDIA	PRE	QTY	OD	ID	тнк	U/V PROFILE	M/C FORMED	COMPOSITE		
PTFE SHEETING	TEMP	MEDIA	PRE	QTY	WIDTH	LENGTH	тнк	PURE / FILLED	SAMPLE			
PTFE STRIPS	TEMP	MEDIA	PRE	QTY	DESCR	DIMS	DRG	PURE / FILLED	SAMPLE			
PTFE GASKETS	TEMP	MEDIA	PRE	QTY	DESCR	DIMS	DRG	PURE / FILLED	SAMPLE			
PTFE BILLETS	TEMP	MEDIA	PRE	QTY	OD	ID	LENGTH	PURE / FILLED				
PTFE RODS / TUBES	TEMP	MEDIA	PRE	QTY	OD	ID	LENGTH	PURE / FILLED				
MACHINING COMPONENTS	TEMP	MEDIA	PRE	QTY	DESCR	DIMS	DRG	SAMPLE				
SPRAY SHIELDS	TEMP	MEDIA	PRE	QTY	FLG	TABLE	SIZE	SPECIAL REQ				
				QTY	VALVE	TABLE	SIZE	MODEL	MAKE			
INSULATION KITS	TEMP	MEDIA	PRE	QTY	TABLE	SIZE						
SEALEX	TEMP	MEDIA	PRE	QTY	WIDTH	тнк						
THREAD SEAL TAPE	TEMP	MEDIA	PRE	QTY	WIDTH	тнк	OXY GRADE	ECONOMY	PREMIUM			
PTFE GLASS CLOTH	TEMP	MEDIA	PRE	QTY	APP	WIDTH	LENGTH	THICKNESS	PLAIN	ADH		
UNSINTERED CORD	TEMP	MEDIA	PRE	QTY	OD	KG'S						
RUBBER BELLOW	TEMP	MEDIA	PRE	QTY	TABLE	SIZE	FLG MTL	BELLOW MTL	LENGTH	F/F		
PTFE PIPE LINING	TEMP	MEDIA	PRE	QTY	APP	SIZE	FLG TABLE	FLG MATERIAL	FREE ISSUE			
COATINGS	TEMP	MEDIA	PRE	QTY	APP	SIZE	FLG TABLE	FLG MATERIAL	FREE ISSUE			

SPRAY SHIELD SELECTION GUIDE											
NR - NOT RECOMMENDED	TEMPERATURE RANGE										
ND - NO DATA											
CORROSIVE	PVC	PE	PP	PTFE	STANDARD PTFE	PREMIUM PTFE	316 SS				
POTASSIUM HYDROXIDE (10%) CAUSTIC	60	60	107	148	232	232	260+				
POTASSIUM HYDROXIDE (50%) CAUSTIC	60	60	79	148	232	232	260+				
POTASSIUM HYDROXIDE (60-90%) CAUSTIC	ND	ND	65	ND	232	232	260+				
SODIUM HYDROXIDE (<10%) CAUSTIC	60	60	93	148	232	232	260+				
SODIUM HYDROXIDE (>50%) CAUSTIC	60	60	65	ND	232	232	ND				
SODIUM HYDROXIDE (10-50%) CAUSTIC	60	60	93	121	232	232	260+				
SULPHURIC ACID (10%)	60	60	107	100	232	232	260+				
SULPHURIC ACID (16%)	60	60	93	100	232	232	260+				
SULPHURIC ACID (30%)	60	60	93	100	232	232	260+				
SULPHURIC ACID (60%)	60	21	93	121	232	232	260+				
SULPHURIC ACID (85%)	NR	NR	79	121	232	232	260+				
SULPHURIC ACID (93-98%)	NR	NR	22	121	232	232	260+				
SULPHURIC ACID FUMING (>98%)	NR	NR	NR	ND	232	232	260+				

### For any technical support contact us on technical@klinger.co.za



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PVC

POLYVINYL CHLORIDE