PRODUCT PORTFOLIO SUMMARY

POLYMERS

VICTREX™ PEEK Polymer – Unfilled Powder Grades	
VICTREX PEEK 90P	Very easy flow coarse powder for extrusion compounding
VICTREX PEEK 150P	Easy flow coarse powder for extrusion compounding
VICTREX PEEK 150PF	Easy flow fine powder for compression moulding
VICTREX PEEK 150UF10	Easy flow fine powder for composite manufacture
VICTREX PEEK 150XF	Easy flow fine powder for compression moulding
VICTREX PEEK 380P	Standard flow coarse powder for extrusion compounding
VICTREX PEEK 450P	Standard flow coarse powder for extrusion compounding
VICTREX PEEK 450PF	Standard flow fine powder for compression moulding
VICTREX PEEK 650P	Enhanced ductility coarse powder for extrusion compounding
VICTREX PEEK 600PF	Low flow fine powder for compression moulding
VICTREX PEEK 650PF	Enhanced ductility fine powder for compression moulding

VICTREX™ PEEK Polymer – Unfilled Grades, Black Colour	
VICTREX PEEK 150G903	Easy flow for injection moulding of thin sections and complex parts
VICTREX PEEK 450G903	Standard flow general purpose for injection moulding and extrusion

VICTREX™ PEEK Polymer – Depth-Filtered Grades	
VICTREX PEEK 90G	Very easy flow grade for injection moulding of thin sections and complex parts
VICTREX PEEK 150G	Easy flow grade for injection moulding of thin sections and complex parts
VICTREX PEEK 151G	Easy flow for multi and monofilament extrusion
VICTREX PEEK 381G	Standard flow for wire coating, capillary tubing, film and monofilament extrusion
VICTREX 450G™ PEEK	Standard flow general purpose for injection moulding and extrusion
VICTREX PEEK 600G	Low flow for injection moulding and extrusion
VICTREX PEEK 650G	Enhanced ductility for injection moulding and extrusion

VICTREX™ PEEK Polymer – Glass-Filled Grades	
VICTREX PEEK 90GL30	Very easy flow, 30% glass fibre-reinforced
VICTREX PEEK 90GL60	Standard flow, 60% glass fibre-reinforced
VICTREX PEEK 150GL15	Very easy flow, 15% glass fibre-reinforced
VICTREX PEEK 150GL20	Very easy flow, 20% glass fibre-reinforced
VICTREX PEEK 150GL30	Easy flow, 30% glass fibre-reinforced
VICTREX PEEK 150GL30BLK	Easy flow, 30% glass fibre-reinforced, black colour
VICTREX PEEK 450GL15	Standard flow, 15% glass fibre-reinforced
VICTREX PEEK 450GL201	Standard flow, 20% glass fibre-reinforced
VICTREX PEEK 450GL30	Standard flow, 30% glass fibre-reinforced
VICTREX PEEK 450GL30BLK	Standard flow, 30% glass fibre-reinforced, black colour
VICTREX PEEK 650GL301	Enhanced toughness, 30% glass fibre-reinforced
VICTREX AS™110	Easy flow, natural colour. Less abrasive than stiffer wear grades

VICTREX™ PEEK Polymer – Carbon Fibre-Reinforced Grades	
VICTREX PEEK 90CA30	Very easy flow, 30% carbon fibre-reinforced
VICTREX PEEK 150CA30	Easy flow, 30% carbon fibre-reinforced
VICTREX PEEK 450CA20	Standard flow, 20% carbon fibre-reinforced
VICTREX PEEK 450CA30	Standard flow, 30% carbon fibre-reinforced
VICTREX PEEK 450CA40	Low flow, 40% carbon fibre-reinforced
VICTREX PEEK 650CA30	Enhanced toughness, 30% carbon fibre-reinforced
VICTREX PEEK 90HMF20	Very easy flow, superior mechanical performance, 20% carbon fibre-reinforced
VICTREX PEEK 90HMF40	Easy flow, superior mechanical performance, 40% carbon fibre-reinforced
VICTREX ABV™ 300	Black colour, lower stiffness compared to 30% carbon-reinforced grades

VICTREX™ PEEK Polymer – Friction and Wear Polymer Grades	
VICTREX PEEK 150FC30	Easy flow, filled with 30% carbon fibre, PTFE and graphite
VICTREX PEEK 150FW30	Easy flow, filled with 30% carbon fibre and PTFE
VICTREX PEEK 450FC30	Standard flow, filled with 30% carbon fibre, PTFE and graphite
VICTREX PEEK 450FE20	Standard flow, filled with 20% PTFE

VICTREX Premium Wear Grades	
VICTREX WG™ 101	Standard premium wear grade for higher speed/load applications
VICTREX WG™ 102	Outperforms WG 101 for higher speed applications
VICTREX WG™ 103	Outperforms WG 101/WG 102 at elevated temperatures

VICTREX HT™ Grades	
VICTREX HT™ G22	Easy flow higher temperature performance than unfilled VICTREX PEEK resin
VICTREX HT™ G45	Standard flow higher temperature performance unfilled resin
VICTREX HT™ 22CA30	Standard flow 30% carbon fibre-reinforced HT resin, for improved strength and stiffness at elevated temperatures
VICTREX HT™ 22GL30	Standard flow 30% glass fibre-reinforced HT resin, for improved strength and stiffness at elevated temperatures
VICTREX HT™ P22	Easy flow higher temperature coarse powder for extrusion compounding
VICTREX HT™ P22PF	Easy flow higher temperature fine powder for compression moulding
VICTREX HT™ P45	Standard flow higher temperature coarse powder for extrusion compounding
VICTREX HT™ P45PF	Standard flow higher temperature fine powder for compression moulding

VICTREX ST™ Grades	
VICTREX ST™ STG45	Standard flow, higher temperature performance than VICTREX HT, improved mechanical performance at elevated temperatures
VICTREX ST™ ST45CA30	Standard flow 30% carbon fibre-reinforced ST resin, for improved strength and stiffness at elevated temperatures
VICTREX ST™ ST45GL30	30% glass fibre-reinforced ST resin, for improved strength and stiffness at elevated temperatures

VICTREX CT™ GRADES	
VICTREX CT™ 100	Granules for injection moulding and extrusion for applications at very low temperatures

OVER

FORMS

APTIV™ FILMS	
1000 Series	Unfilled semi-crystalline films available in thicknesses from 8µ up to 750µ (1300 – black colour from 50µ to 100µ)
2000 Series	Unfilled amorphous films available in thicknesses from 6µ up to 300µ
1100 Series	Mineral-filled semi-crystalline films available in thicknesses from 12µ to 125µ
2100 Series	Mineral-filled amorphous films available in thicknesses of 25µ to 100µ

VICOTE™ 700 Series Powder Grades	
701	Used electrostatically where heavy coating thickness is desired and where machining to tolerance may be required
702	Used electrostatically where increased flow and thinner coatings are desired. A good choice for thin electrostatic coatings with good melt flow
703	Can be used electrostatically and/or in formulation of liquid dispersions
704	Used in formulation of liquid dispersions.
705	Used electrostatically where higher flow is required. First choice for thinnest electrostatic coatings with highest melt flow
705 BLK	A black pigmented higher flow electrostatic powder coating
707	Used where the high flow is required in formulation of liquid dispersions
708	Used where higher temperature performance is required in formulation of liquid dispersions

VICOTE™ 800 Series Aqueous Dispersion Grades	
F804	A pure VICTREX PEEK dispersion with high temperature resistance of 260°C. Natural colour
F804 BLK	A black pigmented version of the F804 grade
F805	Tough resilient, high wear-resistant coating with varying levels of solid lubricant resins. Natural colour
F807 BLK	A black pigmented version of the F806 grade offering very good wear and abrasion properties
F808, F809	Specially formulated grades to provide a resilient coating with varying levels of solid lubricant resins that give good release and excellent wear properties
F810 BLK	A black pigmented version of the F809 grade
F815	Specifically formulated to provide a resilient coating with high wear and abrasion resistance combined with very good continuous release properties. Natural colour
F817	Enhanced adhesion grade specially formulated for use on metal substrates where limited surface roughening is possible. Blue in colour

VICTREX AM™ PEEK & PAEK Polymer Additive Manufacturing Grades	
VICTREX AM™ 200 FIL	Semi-crystalline, filament for Additive Manufacture by filament fusion and other melt extrusion 3D-printing processes
VICTREX AM™ 450 FIL	Semi-crystalline, filament for Additive Manufacture by filament fusion and other melt extrusion 3D-printing processes

victrex

World Headquarters
Victrex plc
Hillhouse International
Thornton Cleveleys, Lancashire
FY5 4QD, United Kingdom
Tel: +44 (0)1253 897700
Fax: +44 (0)1253 897701
Email: victrexplc@victrex.com