



PASSION • INNOVATION • PERFORMANCE

## PRODUCT PORTFOLIO SUMMARY

### 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 molding
VICTREX PEEK 150UF10	Easy flow fine powder for composite manufacture
VICTREX PEEK 150XF	Easy flow fine powder for compression molding
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 molding
VICTREX PEEK 600P	Low flow coarse powder for extrusion compounding
VICTREX PEEK 650P	Enhanced ductility coarse powder for extrusion compounding
VICTREX PEEK 600PF <sup>1</sup>	Low flow fine powder for compression molding
VICTREX PEEK 650PF <sup>1</sup>	Enhanced ductility fine powder for compression molding

### VICTREX® PEEK™ Polymer - Unfilled Grades, Black Color

VICTREX PEEK 150G903 Blk	Easy flow for injection molding of thin sections and complex parts
VICTREX PEEK 450G903 Blk	Standard flow general purpose for injection molding and extrusion

### VICTREX® PEEK™ Polymer - Depth-Filtered Grades

VICTREX PEEK 90G	Very easy flow grade for injection molding of thin sections and complex parts
VICTREX PEEK 150G	Easy flow grade for injection molding 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 PEEK 450G	Standard flow general purpose for injection molding and extrusion
VICTREX PEEK 600G	Low flow for injection molding and extrusion
VICTREX PEEK 650G	Enhanced ductility for injection molding and extrusion

### VICTREX® PEEK™ Polymer - Glass-Filled Grades

VICTREX PEEK 90GL30	Very easy flow, 30% glass fiber reinforced
VICTREX PEEK 90GL60	Standard flow, 60% glass fiber reinforced
VICTREX PEEK 150GL15	Very easy flow, 15% glass fiber reinforced
VICTREX PEEK 150GL20	Very easy flow, 20% glass fiber reinforced
VICTREX PEEK 150GL30	Easy flow, 30% glass fiber reinforced
VICTREX PEEK 150GL30 Blk	Easy flow, 30% glass fiber reinforced, black color
VICTREX PEEK 450GL15	Standard flow, 15% glass fiber reinforced
VICTREX PEEK 450GL20 <sup>1</sup>	Standard flow, 20% glass fiber reinforced
VICTREX PEEK 450GL30	Standard flow, 30% glass fiber reinforced
VICTREX PEEK 450GL30 Blk	Standard flow, 30% glass fiber reinforced, black color
VICTREX PEEK 650GL30 <sup>1</sup>	Enhanced toughness, 30% glass fiber reinforced

### VICTREX® PEEK™ Polymer - Carbon Fiber Reinforced Grades

VICTREX PEEK 90CA30 <sup>1</sup>	Very easy flow, 30% carbon fiber reinforced
VICTREX PEEK 150CA30	Easy flow, 30% carbon fiber reinforced
VICTREX PEEK 450CA20	Standard flow, 20% carbon fiber reinforced
VICTREX PEEK 450CA30	Standard flow, 30% carbon fiber reinforced
VICTREX PEEK 450CA40	Low flow, 40% carbon fiber reinforced
VICTREX PEEK 650CA30 <sup>1</sup>	Enhanced toughness, 30% carbon fiber reinforced
VICTREX PEEK 90HMF20	Very easy flow, superior mechanical performance, 20% carbon fiber reinforced
VICTREX PEEK 90HMF40	Easy flow, superior mechanical performance, 40% carbon fiber reinforced

### VICTREX® PEEK™ Polymer - Friction and Wear Polymer Grades

VICTREX PEEK 150FC30	Easy flow, filled with 30% carbon fiber, PTFE and graphite
VICTREX PEEK 150FW30 <sup>1</sup>	Easy flow, filled with 30% carbon fiber and PTFE
VICTREX PEEK 450FC30	Standard flow, filled with 30% carbon fiber, 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 WG101 for higher speed applications

### 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 fiber reinforced HT resin, for improved strength and stiffness at elevated temperatures
VICTREX HT 22GL30	Standard flow 30% glass fiber 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 molding
VICTREX HT P45	Standard flow higher temperature coarse powder for extrusion compounding
VICTREX HT P45PF	Standard flow higher temperature fine powder for compression molding

### 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 fiber reinforced ST resin, for improved strength and stiffness at elevated temperatures
VICTREX ST ST45GL30	30% glass fiber reinforced ST resin, for improved strength and stiffness at elevated temperatures

OVER

<sup>1</sup> Made to order grade, not in inventory.

## APTIV® FILMS

1000 Series	Unfilled semi-crystalline films available in thicknesses from 8µ up to 750µ (1300 – black color 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® COATINGS

### 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 <sup>1</sup>	A black pigmented higher flow electrostatic powder coating.
705 Blue <sup>1</sup>	A blue pigmented high flow grade with adhesion additives.
706 <sup>1</sup>	Can be used electrostatically where higher flow and thinnest coatings are required.
707 <sup>1</sup>	Used where the high flow is required in formulation of liquid dispersions.
708 <sup>1</sup>	Used where higher temperature performance is required in formulation of liquid dispersions.
709 <sup>1</sup>	Used electrostatically with higher temperature performance requirements.

<sup>1</sup>Made to order grade, not in inventory.

<sup>2</sup>Electrostatic dissipative (ESD) grades. All other grades are insulative coatings.

## VICOTE® COATINGS (CONTINUED)

### VICOTE® 800 Series Aqueous Dispersion Grades

F804	A pure VICTREX PEEK dispersion with high temperature resistance of 260°C (500°F). Natural color.
F804 Blk <sup>2</sup>	A black pigmented version of the F804 grade.
F805, F806	Tough resilient, high wear resistant coating with varying levels of solid lubricant resins. Natural color.
F807 Blk <sup>2</sup>	A black pigmented version of the F806 grade offering very good wear and abrasion properties.
F807 Grey	A grey pigmented version of the F806 grade.
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 <sup>2</sup>	A black pigmented version of the F809 grade.
F810 Grey	A grey pigmented version of the F809 grade.
F813 Blk	Formulated with VICTREX HT and a solid lubricant resin and black pigment to provide an even higher temperature tough, resilient, high wear resistant coating with good release properties.
F814	A pure VICTREX HT dispersion with high continuous use temperature and excellent wear and abrasion properties. Natural color.
F815	Specifically formulated to provide a resilient coating with high wear and abrasion resistance combined with very good continuous release properties. Natural color.
F816 Blk <sup>2</sup>	A black pigmented version of F815.
F817	Enhanced adhesion grade specially formulated for use on metal substrates where limited surface roughening is possible. Blue in color.

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