



Whitford US Guidewire and Medical Device XylaMed® Coatings 2016

Coating	General Properties	Acid-based	VOCs	DFT/coat	Release	Lubricity	Adhesion	Corrosion resistance	Abrasion resistance	Cure Temperature	Gloss	Pencil hardness	Applications	Substrates
XylaMed (ULTRA M) D-14406 Dark Green D-14409 Green D-14412 Green D-14415 Blue D-14418 Unpigmented	<ul style="list-style-type: none"> Aqueous PTFE dispersion Chromic Acid Catalyzed 	Yes	None	.2-.4 mils (5-10 µm)	Good	Best	Good	Good	Good	680° to 750°F	Low to medium	4-5H on steel	Guide wires; core wires, mandrels	Aluminum, Carbon Steel, Stainless Steel, Nitinol
XylaMed (1006M) D-14430 Green D-14433 Blue D-14436 Grey D-14439 Black	<ul style="list-style-type: none"> Resin-binding system High PTFE powder content 	No	6.51 lb/gal	.6-1.0 mils (15-25 µm)	Better	Better	Best	Good	Low	400° to 680°F	Low	3H	Guide wires; core wires, mandrels	Aluminum, Carbon Steel, Stainless Steel, Nitinol
XylaMed (8820 M) D-14442 HR Green D-14445 HR Blue D-14448 HR Gray	<ul style="list-style-type: none"> Resin-binding system Combination of FEP and PTFE powders 	No	6.12 lb/gal	.5-.8 mils (12.5-20 µm)	Best	Good	Best	Fair	Good	680° to 750°F	Medium to low	2H on aluminum	Guide wires; core wires, needles, mandrels	Aluminum, Carbon Steel, Stainless Steel, Nitinol
XylaMed (8110M) D-14451 Green D-14454 Blue D-14457 Black	<ul style="list-style-type: none"> Resin-binding system PTFE powder 	No	6.35 lb/gal	.6-.8 mils (15-20 µm)	Good	Good	Best	Good	Good	600° to 680°F	Low	2-4H	Guide wires; core wires, mandrels	Most metals, some ceramics
XylaMed (1220M) D-14460 Black	<ul style="list-style-type: none"> Resin-binding system Aqueous PTFE dispersion 	No	5.48 lb/gal	.3-.7 mils (8-18 µm)	Good	Good	Good	Good	Good	600° to 680°F	Low to medium	2H	Electrosurgical blades	Aluminum, Carbon Steel, Stainless Steel, Nitinol



Whitford Corporation, 47 Park Avenue, Elverson, PA 19520

Tel: (610) 286-3500 • Web: whitfordww.com • Email: sales@whitfordww.com