



ZetexPlus® fabrics are woven from highly texturized continuous filament yarns and treated with a proprietary vermiculite-based coating. The proprietary coating allows heat to dissipate evenly across the surface of the fabric, significantly boosting its temperature rating and abrasion resistance.

Newtex's proprietary vermiculite coating outperforms competitive products. Our coating has larger platelets and a greater percentage of solids than competitive coatings, meaning that ZetexPlus® has better coverage and more effectively disperses heat. Our coating also features an organic adhesion promoter that improves the bond between the platelets and the fabric. The adhesion promoter reduces flaking and wear for a longer product life, and it improves the fabric's resistance to moisture.

Continuous Operating Temperature Rating:
1500°F (815°C)

Intermittent Temperature Rating:
2000°F (1085°C)



Common Applications

Heat shielding, Insulation, Jacketing, Maintenance, Personal Protective Equipment & Apparel (PPE), Fire Protection

Relevant Industries

Architectural, Foundries, Glass & Casing Operations, Petrochemical & Refinery, Power Generation, Shipbuilding & Marine, Welding

Premium Grade (A) ZetexPlus® Fabrics

Item Number	Style	Weight		Thickness		Width	
		oz/yd ²	g/m ²	mils	mm	inches	cm
1100070	ZetexPlus A-300	9.0	305	23	0.58	60	152
1100073	ZetexPlus A-400	13.0	441	28	0.71	60	152
1100076 / 1100077	ZetexPlus A-600	18.0	610	30	0.76	40 / 60	102 / 152
1100253 / 1100081	ZetexPlus A-800	24.0	814	43	1.09	40 / 60	102 / 152
1100296	ZetexPlus A-802	25.0	848	36	0.91	60	152
1100083	ZetexPlus A-900	24.0	814	50	1.27	60	152
1100087	ZetexPlus A-1000	30.0	1017	55	1.40	40	102
1100090	ZetexPlus A-1101	33.0	1119	62	1.57	60	152
1100095 / 1100096	ZetexPlus A-1200	33.0	1119	61	1.55	40 / 60	102 / 152
1100282	ZetexPlus A-1201	37.0	1255	75	1.90	60	152
1100226	ZetexPlus A-1210	40.0	1356	68	1.73	60	152
1100271	ZetexPlus A-1350	43.0	1458	80	2.03	40	102
1100100 / 1100101	ZetexPlus A-2200	60.0	2034	96	2.44	40 / 60	102 / 152

Color Treated ZetexPlus® Fabrics

Item Number	Style	Weight		Thickness		Width	
		oz/yd ²	g/m ²	mils	mm	inches	cm
1100082	ZetexPlus A-800 Black	24.0	814	48	1.22	60	152
1100227	ZetexPlus A-1210 Black	44.0	1492	73	1.85	60	152

Fabrication Treated ZetexPlus® Fabrics

Item Number	Style	Weight		Thickness		Width	
		oz/yd ²	g/m ²	mils	mm	inches	cm
1100091	ZetexPlus A-1101 FAB	35.0	1187	58	1.47	60	152

Wire Reinforced ZetexPlus® Fabrics

Item Number	Style	Weight		Thickness		Width	
		oz/yd ²	g/m ²	mils	mm	inches	cm
1100128	ZetexPlus A-820 (wire)	26.0	882	53	1.35	60	152
1100133	ZetexPlus A-1220 (wire)	36.0	1221	70	1.78	60	152
1100242	ZetexPlus A-1230 (wire)	41.0	1390	70	1.78	60	152
1100243	ZetexPlus A-1230 Black (wire)	41.0	1390	70	1.78	60	152

*ZetexPlus materials are sold in 50 yard rolls (45.72 m). **Weights and thicknesses listed above are nominal. Contact tech@newtex.com for actual values.