



常州联拓复合材料有限公司

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UHMWPE Woven Fabric

Description:

It is a kind of high strength woven fabric, woven by ultra-high molecular weight polyethylene fiber. During the fabrics of equal density, it has the highest tensile strength in the world today.

Advantages:

High strength, high modulus, low density, smooth surface and wear resistance, impact resistance, strong resistance to chemical reagent, hydrophobic, biological compatibility, good electric performance, resistance to ultraviolet performance, water resistance, resistance to wet, seawater and mildew resistance, fatigue resistance and longer life of deflection, etc.

Physical technical specifications:

Type	Yarn	Weave	Fiber Count(10mm)		Width(mm)	Thickness(mm)	Weight(g/m ²)
			Warp	Weft			
Utek-0133	100D	Plain	15	15	1500	0.08	33
Utek-0280	200D	Plain	17	17	1400	0.2	90
Utek-0413	400D	Plain	16	14	1500	0.27	130
Utek-0448	400D	Plain	22	22	1500	0.38	180
Utek-4810	400D+800D	Plain	11	11	1000	0.28	105
Utek-1022	1000D	Plain	10	10	1650	0.46	220
Utek-1524	1500D	Plain	8	8	1650	0.48	240
Utek-1529	1500D	Plain	9	9	1500	0.61	290
Utek-1048	1000D	Plain	20	20	1500	1.15	480

The above only shows part of specifications as a reference

Available colors: White/Black/Grey/Red/Green/Blue/Yellow/Orange