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Product Specification Sheet

Part # 22021

Product	Tek Air 200
Description	TEK AIR 200 TPU is a 200-denier low shear nylon fabric that is weldable. It is soft, air holding fabric that is stain resistant and fluid proof. It is used in a variety of applications.
Key Features	<ul style="list-style-type: none"> • Fluid Proof • Weldable • Stain Resistant
Applications	<ul style="list-style-type: none"> • Luggage, Bags, Backpacks, Tents • Industrial • Military, Law Enforcement, Tactical • Medical and Healthcare
Color	Black
Width	60"
Thickness	.26 mm
Weight	231.5 g/m ²
Composition	100% S/D Nylon Oxford

Test/Property	Method	Unit/Standard	Results
Tensile Strength (Grab)	FS191a 5100	kg/in	Warp: 80.48
	ASTM-D751 A		Weft: 66.8
Tearing Strength (Pendulum Tear)	FS191a 5132	kg	Warp: 1.6
	ASTM-D751 A		Weft: 1.9
Peeling Strength (Tongue Tear)	FS191a 5134	kg	Warp: 3.26
	ASTM-D751 B		Weft: 2.64
Elongation at Break	FS191a 5100	%	Warp: 45.66
	ASTM-D751 A		Weft: 37.88
Peeling	Wet Condition after 65° washing over 2 hrs	kg/3cm	Warp: 21.51
			Weft: 18.09

Test/Property	Method	Unit/Standard	Results
Seam Strength 1/8" RF breakaway	FS191a 5970	kg/in	Warp: 27.02 Weft: 25.69
Adhesion of coating (1" Peel RF Weld)	ASTM-D751	kg/in	Unable to initiate a peel
Blocking	FS191a 5872	grade	1
Bursting Strength	ASTM-D751	psi	325
Mold Resistance Test	ASTM G21-13	28 days	0 (No growth on specimen surface)