

Test Performed As Requested by Client:

1. AATCC TM127-2017(2018)e: Water Resistance: Hydrostatic Pressure Test (Option 2)

Perform only in original state

Gradient Used: 60 mbar/min

Side Tested: Face

Conditioned: Yes

Results

Sample: 300T Pongee+ TPU + Knitted Fabric - Black			
As Received		mbar	(mmH ₂ O)
	1	>999	>10190
Specimen	2	>999	>10190
	3	>999	>10190
Average		>999*	>10190*

*Result exceeded machine capacity



2. Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics – (AATCC TM183-2020e)

- Dry Evaluation

Sample Description: 300T Pongee+ TPU + Knitted Fabric - -Color: Black

End Use of Fabric: Car Cover

Solar Spectrum Irradiance Used: Noonday, July 3rd, Sunlight, Albuquerque.

Equipment Used: Cary 50 UV-Vis Spectrophotometer

No. of Scans: 6

Samples Are Tested in Dry Relaxation State

Test Results:

	Unprepared	After 100 AFU
	Dry	Dry
The Mean Ultraviolet Protection Factor, UPF	1522.070	1594.030
The Mean UV-A Transmittance T(UV-A)	0.210	0.202
The Mean UV-B Transmittance T(UV-B)	0.040	0.042
The Percent UV-A Blocking	99.79%	99.80%
The Percent UV-B Blocking	99.96%	99.96%

Remark:

UVA: 315-400nm

UVB: 280-315nm

UVR: 280-400nm

