

## TEST REPORT

### DIRECT FLAME TEST RESULTS - DRY VS. WET

#### Test Method # 1 – 15 second burn with MAPP Gas, dry, fire-resistant material

	Viper WetRag® HeatShield	Competitor A
Start Temperature	65.8° F (18.7° C)	64.6° F (18.1° C)
End Temperature	110.1° F (43.4° C)	153.3° F (67.4° C)
Difference	44.3° F (24.7° C)	88.7° F (49.3° C)

#### Test Method # 2 – 30 second burn with MAPP Gas, Wet, fire-resistant material

	Viper WetRag® HeatShield	Competitor A
Start Temperature	66.4° F (19.1° C)	65.0° F (18.3° C)
End Temperature	94.3° F (34.6° C)	163.4° F (73.0° C)
Difference	27.9° F (15.5° C)	98.4° F (54.7° C)

#### Test Method # 3 – 15 second burn with OXY/Acetylene Gas, dry, fire-resistant material

	Viper WetRag® HeatShield	Competitor A
Start Temperature	86.0° F (30° C)	88.1° F (31.2° C)
End Temperature	137.1° F (58.4° C)	347.2° F (175.1° C)
Difference	51.1° F (28.4° C)	259.1° F (143.9° C)

#### Test Method # 4 – 30 second burn with OXY/Acetylene Gas, Wet, fire-resistant material

	Viper WetRag® HeatShield	Competitor A
Start Temperature	81.9° F (27.7° C)	84.2° F (29° C)
End Temperature	96.1° F (35.6° C)	129.4° F (54.1° C)
Difference	14.2° F (7.9° C)	45.2° F (25.1° C)

#### Testing Parameters:

A thermometer probe was placed beneath the fire-resistant material and a start temperature was measured. A flame was lit and placed directly on the material for the specific test method time (15 seconds for dry material testing and 30 seconds for wet material testing). Final temperatures were measured at their highest peak, up to 30 seconds following the test time limit.