



# ALPHA

engineered elastomers

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## Polychloroprene Belt: RL 6764

**Product Description:** Alpha Style RL 6764 is a lightweight material designed for applications where its superb heat and flame resistance provide an extra margin of protection for people and equipment. It is a self-extinguishing material, ozone and weather resistant and can be used against caustics, gasoline, oil, water and steam.

**Applications:** Aircraft Firewall Barriers, Protective Sleeves, Tadpole Tape Covers, Flat Seals, Gaskets, Mounts and Door Seals.

**Rubber Polymer:** Polychloroprene

### **Finished Belt Requirement**

Color	Black
Thickness, inches	0.062" [+/- 0.015"]
Width, inches	Any width up to 58"
Weight, Pounds/Square yard	5.0 [+/- 1 lb/sqyd]
Operating Temperature, Fahrenheit	-40 to 200°
Mullen Burst, Minimum PSI	500

### **Rubber Compound Requirements**

Specific Gravity, g/cm <sup>3</sup>	1.60 [+/- 0.03]	ASTM D-297
Hardness, Durometer Shore 'A' or Equivalent	60 [+/- 5]	ASTM D-2240
Tensile Strength, Minimum PSI	1700	ASTM D-412
Elongation, Minimum	400%	ASTM D-412

### **Textile Requirements**

Reinforcement Fabric	Plain Weave Fiberglass
Tensile Strength, Minimum lbs/inch [Warp]	300
Tensile Strength, Minimum lbs/inch [Weft]	200

RL-6764 complies with discontinued Specification MIL-C-7637D (Which was superseded By AMS-3783)

### **Quality Control**

Certifications and test results provided with the product at the time of shipment.  
AMS-3783 covered gauges from .060-.080