



# PRODUCT NEWS

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## ALUFLEX® - ELECTRICALLY CONDUCTIVE RUBBER IMPREGNATED METAL GASKETING

ALU-FLEX H.T. is a flexible *silicone rubber impregnated aluminum wire cloth material* especially developed for maximum RF shielding and pressure sealing qualities. In this unique construction the aluminum mesh maintains electrical contact, while the elastomer provides an effective seal in gasket applications. The temperature range of ALU-FLEX H.T. is from -65°F to +500°F.

ALU-FLEX STANDARD is an economical *neoprene rubber impregnated aluminum wire cloth material* of similar construction and function to ALU-FLEX H.T.

### ADVANTAGES

ALU-FLEX CONDUCTIVE GASKETING prevents radio frequency energy from escaping at joints in closed containers housing RF emitting apparatus, while also providing air and fluid sealing.

ALU-FLEX has electrical properties that provide a necessary conductive material between two metal surfaces, to allow the flow of electrical current while restricting or filtering any induced radio frequency.

ALU-FLEX H.T. & ALUFLEX STANDARD are available in two gauges .016" and .020" in widths of 8" and 17".

### SPECIFICATIONS

ALU-FLEX H.T. - Silicone Type	ALU-FLEX STANDARD - Neoprene Type
Temperature range: -65°F to +500°F	Temperature range: -20°F to +220°F
Aluminum Wire Cloth to Spec. AMS-4182	Aluminum Wire Cloth to Spec. AMS-4182
.016 ga. - 30 mesh wire - dia. of wire .010	.016 ga. - 30 mesh wire - dia. of wire .010
.020 ga. - 24 mesh wire - dia. of wire .015	.020 ga. - 24 mesh wire - dia. of wire .015
Silicone to Spec. AMS-3302B - 50 Duro	Neoprene to Spec. AMS-3322C - 50 Duro

### APPLICATIONS

ALU-FLEX CONDUCTIVE GASKETING will solve many problems in connection with wave guide equipment, ignition harnesses, X-ray equipment, and shielding between magnetos and their bases. These applications require a high degree of filtering and shielding to reduce radiated or conducted energy, while possessing a most effective seal.

ALU-FLEX is available in specialty cut gaskets or from stock by the lineal yard, 8" or 17" wide.