

# Silicone - Neoprene Ducting

## Material and Shapes

### MIL- STD compliance and Testing

Lone Star Aviation's MIL- STD compliant DUCTING product line is a direct equivalent for (1 or 2) ply silicone and neoprene ducting for low pressure applications. Example usage would include HVAC, defrosting systems, fresh air, cabin ventilation, electronics racks, and panel electronics cooling in small to large aircraft. Lone Star Aviation has stock in (1, 2) ply silicone, (1, 2) ply neoprene DUCTING sold in lengths of (12) feet. Our engineering department can provide drawings, quotes and samples for specific ducting needs used in your production or OEM applications. Lone Star Aviation can design and custom fabricate unique ducting, sheet, or shapes including sub-assemblies for the aviation, land-mobile, marine, and or military markets. Call the factory or check our web site for list of available sizes.

### SPECIFICATIONS:

<b>Silicone (1) ply</b>	<b>1.00 to 8.00 inches</b>
<b>Silicone (2) Ply</b>	<b>.750 to 8.00 inches</b>
<b>Neoprene (1) Ply</b>	<b>.750 to 8.00 inches</b>
<b>Neoprene (2) Ply</b>	<b>.750 to 8.00 inches</b>
<b>Silicone Sheeting</b>	<b>.025 to .500</b>
<b>Silicone Sheeting</b>	<b>.025 to .500 with washers</b>
<b>Neoprene Sheeting</b>	<b>.025 to .500</b>
<b>Neoprene Sheeting</b>	<b>.025 to .500 with washers</b>
<b>Silicone Shapes</b>	<b>Any length or shape</b>
<b>Silicone Shapes</b>	<b>Design w/ sub-assembly</b>
<b>Neoprene Shapes</b>	<b>Any length or shape</b>
<b>Neoprene Shapes</b>	<b>Design w/ sub-assembly</b>



Meets: MIL-H, NAS, Mil-Y	Flexibility: Radius = diameter
Flamibility: UL94VO	Flame tested at FAA Factory
Temp: Neoprene - 60 to 300F	Color: Silicone - Red
Temp: Silicone -75 to 550F	Color: Neoprene - Black
Ruggidized Product Line	Markets: aviation, land-mobile, marine, and military vehicles.
OEM, Distributor Supplier	Sil-rubber coated, fiberglass fabric w/ corrosion SS wire and "vulcanized "

Silicone couplers, adapters and spacers can be supplied for your production needs.

**LONE STAR**  
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