

ARLON SILQUENCH™

SILICONE FOR FLEXIBLE DUCTING

EXTREME FLAME RETARDANCE WITHOUT HALOGENS



- Meets requirements of FAR 25.856, Part VI, Appendix F
- Service temperature -60 to 200°C
- Excellent bond strength
- Available in thin, lightweight constructions

Arlon SilQuench™ substrates are based on highly flame retardant silicone technology. SilQuench™ substrates are suitable for use in aircraft environmental control system ducting, vehicle exhaust extraction, high temperature air transfer systems and numerous other applications that require high flame retardance.

FAR 25.856 Test Results for Arlon SilQuench™ Substrates

Fiberglass Style	Silicone Add-On	Total Thickness	FAR 25.856 Result
1080	.002"	.005"	Pass
7628	.003"	.011"	Pass
162	.005"	.024"	Pass
162	.010"	.029"	Pass

Many other constructions available, please inquire.

The substrates may be supplied as a laminate with fiberglass fabric support or unsupported on a release liner. The material is available in roll lengths of 50 linear yards or longer, as wide as 38 inches or slit to a desired specification.

ARLON
SILICONE TECHNOLOGIES DIVISION

www.arlon-std.com



TECHNOLOGY ENABLING INNOVATION

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Quality Management System
Certified to ISO 9001:2008

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