

CONFIDENTIAL

Technicon Acoustics

TECH SHIELD™ Thermal Acoustic Product Line

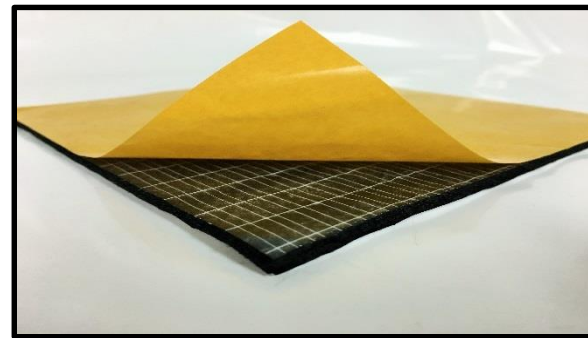
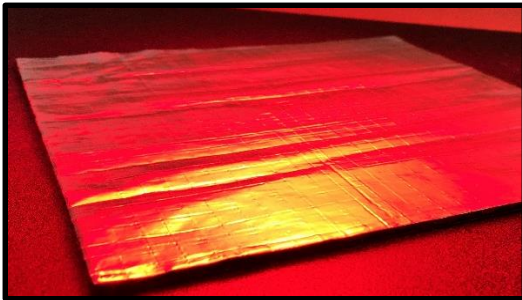
4412 Republic Court
Concord, NC 28027

TECHNICON ACOUSTICS
SOUND SCIENCE
www.techniconacoustics.com

Phone (704) 788-1131
Fax (704) 788-7772

Protect Components from Damaging Heat

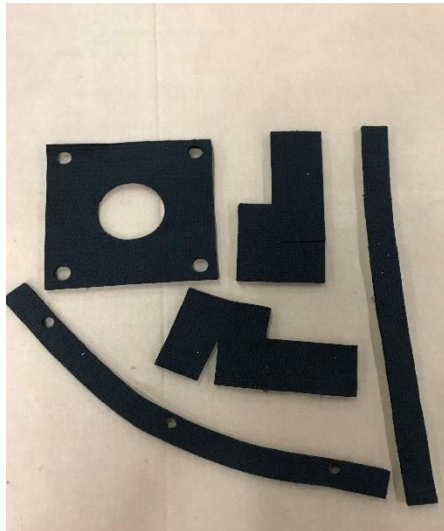
TECH SHIELD™ TS-040 can be placed as close as 1 inch away from a 1,000° F heat source. The proprietary inorganic fiber blend core is naturally flame retardant and thermally insulating significantly decreasing the “cold side” or “body side” temperature up to 80% wherever TECH SHIELD™ TS-040 is applied. Thermal products are widely used in a number of industries including automotive, heavy equipment, public transport, aerospace, specialty vehicles, and power generation.



CONFIDENTIAL

TECH SHIELD™ High Temperature Gaskets

Given TECH SHIELD TS-040's temperature and chemical resistance it has been used in a number of high temperature gasket applications. Technicon has the ability to fabricate this material into any shape needed to seal heat in or out of burner housings, faux fireplace surrounds, oven lights, etc. Its nonwoven felt core is able to be compressed just as a typical ceramic gasket, which are very common in these types of applications. There are several different facings available including having adhesive on both sides of the felt core.



TECH SHIELD™ Thermal Acoustic Product Line

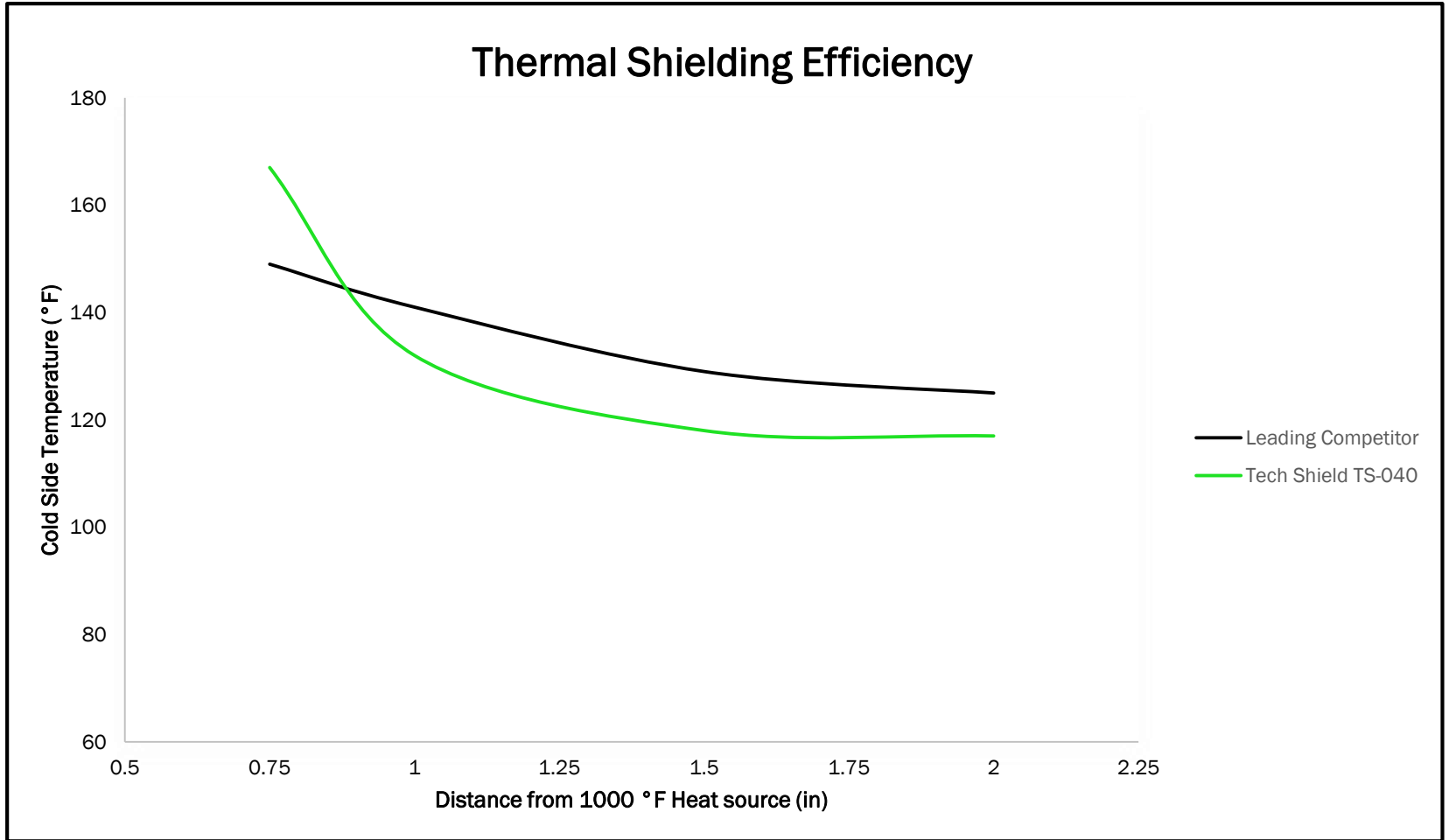
Made from a flexible and lightweight proprietary inorganic core that is naturally flame retardant, thermally insulating, and acoustically absorptive TECH SHIELD™ TS-044 offers an all in one solution for acoustic and thermal insulation problems. Supplied with a high performance PSA TECH SHIELD™ TS-044 offers quick and easy installation to a wide variety of surfaces.

The TECH SHIELD™ product line can be adapted to customer specifications by varying density, fiber blend, thickness, and composite configuration.



CONFIDENTIAL

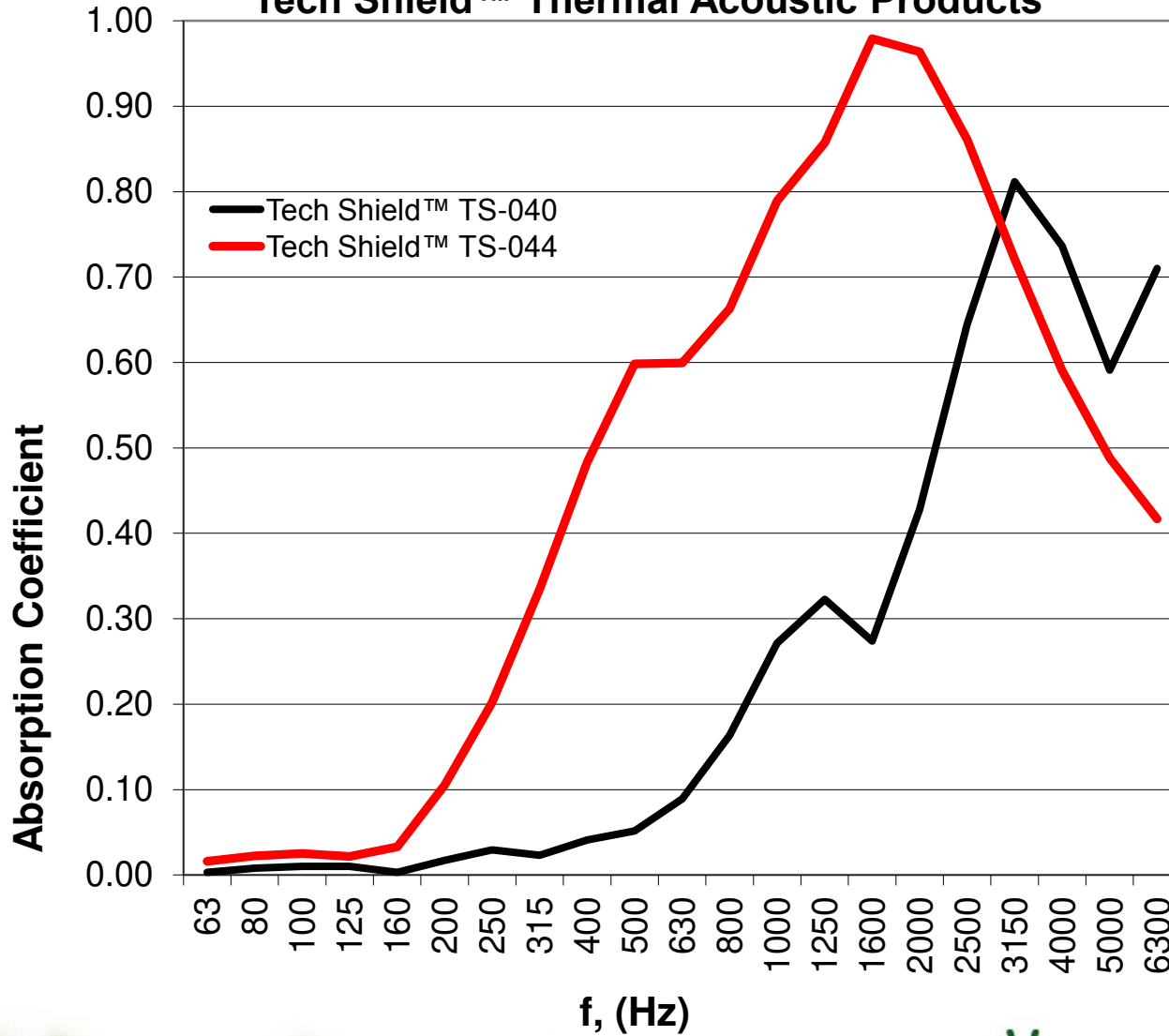
TECH SHIELD™ TS-040



*Temperature taken after 1 hr. at each distance

CONFIDENTIAL

ASTM E1050 Normal Incidence Absorption in Impedance Tube Tech Shield™ Thermal Acoustic Products



CONFIDENTIAL

TECH SHIELD™ Overview

- Supplied in rolls, sheets, or fabricated parts
- Acoustically absorptive
- Thermal insulation value of R5.2/inch
- High fire resistance
- Fiberglass and binder free
- Lightweight



CONFIDENTIAL