

FIREWALL 2000TM

HIGH PERFORMANCE HEAT BARRIER

FIREWALL 2000 IS A FLEXIBLE, METAL SHIELDED CERAMIC BLANKET. WHEN EXPOSED TO DIRECT FLAME, IT INTUMESCES TO FORM A THICK INSULATING BARRIER. WHILE THE GOAL OF A FIREWALL IS STOPPING FIRE PENETRATION, THE CHALLENGE IS ELIMINATING BACKSIDE IGNITION. **FIREWALL 2000** NOT ONLY PASSES THE RIGOROUS FIRE BARRIER TEST (DIRECT CONTACT WITH A 2000°F OIL FLAME FOR 15 MINUTES WITHOUT FAILURE) BUT IT ALSO PROTECTS AGAINST HARMFUL BACKSIDE TEMPERATURES.

FIREWALL 2000 OFFERS MANY ADDITIONAL BENEFITS TO ENHANCE ITS PRIMARY FUNCTION AS A FIRE PROTECTION BARRIER.

EASY INSTALLATION-FIREWALL 2000

CAN BE USED AS A SINGLE PIECE OR CUT AND RESEALED WITH OUR SPECIAL INTUMESCENT FIREWALL CAULK. THIS CAULK IS ALSO USEFUL FOR SEALING AND PROTECTING RIVETS, BOLT HEADS, AND OTHER THROUGH THE FIREWALL PROJECTIONS. AS A RESULT, THE **FIREWALL 2000** SYSTEM GREATLY REDUCES THE PROBLEMS OF INSTALLING BOTH NEW AND RETROFIT FIREWALLS.

INSULATION-FIREWALL 2000 NOT ONLY PERFORMS AGAINST VERY HIGH TEMPERATURES, IT ALSO KEEPS CABINS COOLER BY INSULATING AGAINST NORMAL ENGINE OPERATING TEMPERATURES.

ALPHA PLASTICS

8734 DAFFODIL

HOUSTON, TEXAS 77063

(713) 780-0023

FIREWALL 2000

15ms1

LIGHT WEIGHT-FIREWALL 2000 IS ACTUALLY LIGHTER THAN .015" STAINLESS STEEL. AS A RESULT, THE ADDITIONAL WEIGHT OFTEN ASSOCIATED WITH FIRE RESISTANT MATERIALS IS MINIMIZED.

FLEXIBILITY-BECAUSE **FIREWALL 2000** EASILY CONFORMS TO CONTOURS, IT CAN PROTECT WHEEL WELLS, FIREWALL PENETRATIONS, AND OTHER PREVIOUSLY EXPOSED AREAS. IN ADDITION, IT CAN BE FORMED TO SHIELD CONTROL LINES, LINKAGES, AND OTHER CRITICAL COMPONENTS FROM TEMPERATURE EXTREMES.

EVEN THOUGH YOUR FIREWALL MAY NEVER ACTUALLY BECOME A FIRE BARRIER, THE SAFETY AND SECURITY OF **FIREWALL 2000** IS AN ECONOMICAL WAY TO PROTECT A MOST VALUED ASSET—YOU.

CHARACTERISTICS

THICKNESS	.200 IN.
WEIGHT/UNIT AREA	9.5 OZ/SQ FT
INITIAL HEAT EXPANSION	665° F
SIGNIFICANT HEAT EXPANSION	1000° F

PACKAGING

Firewall Kit—includes 24" x 48" sheet of FIREWALL 2000 and one tube of intumescent caulk, enough material to install a firewall on most homebuilt aircraft \$150.00/kit

FIREWALL 2000—the 24" wide material may be ordered cut to the desired length. . . . \$19.50/sq ft

Firewall Caulk—this flexible intumescent caulk can be used for sealing or repairing joints, hardware, or through-the-firewall projections \$21.50/tube

FOR MORE INFORMATION, PLEASE CONTACT:

ALPHA PLASTICS

8734 DAFFODIL HOUSTON, TEXAS 77063 (713) 780-0023

IMPORTANT NOTICE: This data sheet is an introduction to FIREWALL 2000. The information provided is based upon typical installation conditions and tests we believe to be reliable. However, due to a wide variety of possible use conditions, the following is made in lieu of all warranties, expressed or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use, and user assumes all risk and liability whatsoever in connection therewith.