

ThermShield[™] 1229



Product Highlights

- Operating temperature up to +650°C (+1202°F)
- Peak temperature +750°C (+1382°F)
- Excellent thermal insulation
- Extremely flexible
- Conforms to component
- Low profile
- Highly customizable design

Typical Applications

- Exhaust Gas Recirculation (EGR) Tubes
- Exhaust System Components



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)



ThermShield™ 1229 is a knitted fabric developed for insulation of high temperature exhaust systems. Designed with basalt yarns, ThermShield 1229 can withstand temperatures up to +750°C (+1382°F).

The high degree of insulation provided by ThermShield 1229 enables exhaust gas to maintain temperature as it moves through the exhaust system. Maintenance of exhaust gas temperature is important in order to ensure complete conversion of exhaust gas and particulates. Complete conversion is necessary to meet the increasingly strict emission regulations set in place by government mandate.

With a highly customizable design, ThermShield 1229 can be tailored to increase durability and expandability, contour around bends, accommodate brackets/breakouts/sensors/etc., and have distinct areas of variable performance.



ThermShield 1229's customized designs are available with snaps for increased installation benefit.



Performance Data – ThermShield[™] 1229

Cold/Wet EnduranceBH100-522Product performantThermal ContainmentBH100-509Product performant contact your sales spectFlammabilitySAE J369DFlammability with Oil ContaminationBH100-524 (ref. SAE J369)D	
Cold/Wet EnduranceBH100-522Product performant contact your sales spectThermal ContainmentBH100-509Product performant contact your sales spectFlammabilitySAE J369DFlammability with Oil ContaminationBH100-524 (ref. SAE J369)DVibration ResistanceBH100-524 (ref. SAE J369)CHEMICALCHEMICALCHEMICALBH100-03F 5050 Antifreeze/Distilled Water	
Thermal Containment Product performant contact your sales spect contact your sales spect contact your sales spect sp	- No degradation
Thermal Containment BH100-509 contact your sales spect Flammability SAE J369 D Flammability with Oil Contamination BH100-524 (ref. SAE J369) G Vibration Resistance BH100-507 Retains CHEMICAL BH100-003F SO/SO Antifreeze/Distilled Water	- No degradation
Flammability Index of the second se	ice is design dependent. Please representative for application ific performance.
Flammability with Oil Contamination BH100-524 (ref. SAE J369) Set Vibration Resistance BH 100-507 Retains CHEMICAL BH100-003F 50/50 Antifreeze/Distilled Water	Does not ignite
Vibration Resistance BH 100-507 Retains CHEMICAL BH100-003F S0/50 Antifreeze/Distilled Water Image: Compare the second seco	e A - No ignition
CHEMICAL BH100-003F 50/50 Antifreeze/Distilled Water	f-extinguishing
BH100-003F 50/50 Antifreeze/Distilled Water	structural integrity
50/50 Antifreeze/Distilled Water	
ASTM Reference Fuel C SAE 5W30 Brake Fluid SAE RM-66	ation or loss of flexibility
Power Steering Fluid Windshield Washer Fluid Salt Spray ASTM G85	Pass
RESISTANCE TO WASHING	
Power Washing Endurance BH 100-539 N	o degradation

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Availability

ThermShield 1229 is a highly customizable product and is available in various designs to meet specific application requirements. Please contact your sales representative for availability.



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560 Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565 www.systemsprotection.com



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