SELF-WRAPPED ALUMINUM GLASS FIBER SLEEVE

Materials	Fiberglass multifilament PET monofilament Aluminum foil Acrylic adhesive	Temperature	Low: -40 ℃ High: 150 ℃

Performance				
Item.	Property	Test Method	Specification	Test Result
1	Heat Aging	ISO 6722_2006	240hours at 225 ℃	No damage or visible degradation
2	Long term heat aging	ISO 6722_2006	3000 hours at 200℃	No visible degradation or loss of flexibility
3	Thermal effectiveness	SAE J2302_2017	Heat source is 25 mm above ceramic mandrel Heat souce temperature 482℃ Surfance temperature mandrel <unprotected> 182℃ Surfance temperature mandrel<protected> 88℃	temperature reduction 94℃
4	Flammability	SAE J369_2007	Self extinguishing	PASS
5	Tensile strength	ASTM D5035-11	≥113kgf/25.4mm	PASS
6	Automotive Fluid resistance test	BH100-003B_2003	Immerse specimens in designated 9 fluids for 30 minutes	No delamination, no degradation