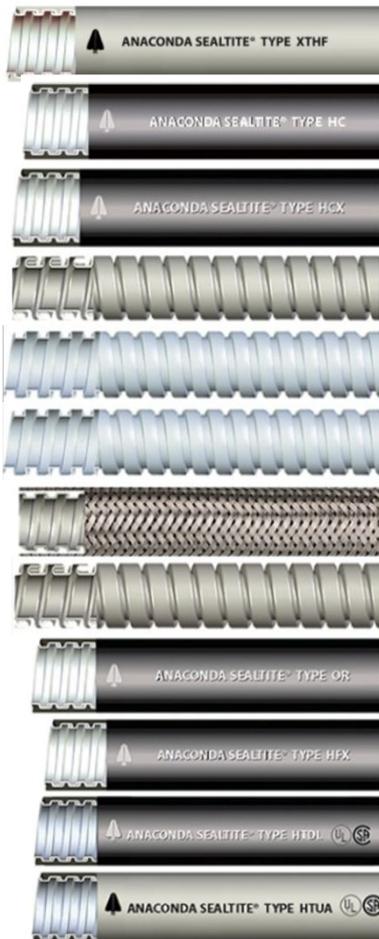


**Applications:**

- Machinery, equipment and components in foundries, steel mills, glass factories
- Switchgear
- Enclosures
- Inputs and Outputs like sensors, encoder, valves etc

**Approvals, Standards, Certifications and Guidelines:**

- SAE
- UL & CSA
- GOST-R and EAC
- IECEx ATEX



TYPE	Tensile Strength	Protection	Temp. °C
XTHF grey	4 (1000N)	IP 67	-70 to +200 (peak +260)
HC Black	4 (1000N)	IP 67	-45 to +105 (peak +120)
HCX Black	4 (1000N)	IP 67	-55 to +145 (peak +160)
UI Metal	4 (1000N)	IP 40	-100 to +600
SLI Metal	4 (1000N)	IP 40	-100 to +600
SLI – 316 Metal	4 (1000N)	IP 40	-100 to +600
SLB Metal	4 (1000N)	IP 40	-55 to + 300
UIG Metal	4 (1000N)	IP 40	-55 to + 300
OR Black	4 (1000N)	IP 67	-15 to +100 (peak +120)
HFX Black	4 (1000N)	IP 67	-55 to +105 (peak +125)
HTDL Black	4 (1000N)	IP 67	-45 to +105 (peak +120)
HTUA Grey	4 (1000N)	IP 67	-45 to +105 (peak +120)
TYPE	Radiation Heat	Molten metal splash	Temp. °C
Hiprojacket Aero Red	+800 °C	+1.640 °C	-55 to + 260 °C
Hiprojacket Industrial Red	+800 °C	+1.640 °C	-55 to + 260 °C
Hiprotape	+800 °C	+1.640 °C	-55 to + 260 °C
Hiproblanket Wrap MM	+800 °C	+1.640 °C	-55 to + 260 °C
Hiprosiltape Red	+800 °C	+1.640 °C	-55 to + 260 °C

**Suministros Técnicos Sunesa S.L.**

Ctra. Bilbao-Balmaseda Km 9, Elkartegia Modulo 37  
 48810 Alonsotegi – Bizkaia [www.sunesa.net](http://www.sunesa.net)  
 Telf. +34 94 486 0131 – [comercial@sunesa.net](mailto:comercial@sunesa.net)



## APPLICATIONS AND CHARACTERISTICS



Type XTHF is a robust conduit with a galvanised steel core and a flame retardant, low smoke, halogen free silicone cover, for use in applications at very low and/or very high temperatures. The conduit retains its flexibility and resistance to UV, sunlight, oil and chemicals. It is used in foundries, steelworks and other rigorous environments.



Type HC is a robust conduit with a galvanised steel core and a thick, smooth heat resistant PVC cover that is temperature resistant. It is used in train warning systems, transformers, transport systems, woodcutting machines, sewing machines, security systems in energy plants, and equipment in the chemical and ceramic industries.



Type HCX is a very robust conduit with a galvanised steel core and a thick, smooth TPE cover that is very temperature resistant. Robust and very flexible, it is used in transformers, offshore applications, steelworks, foundries, machine building and many outdoor installations where temperature and humidity are critical.



Type UI has a stainless steel AISI-304 core. Extremely flexible performance, valid for application in industrial instrumentation, CCTV, passenger information systems, door locking systems... The strength of this conduits makes it a choice of application where dynamic motions and heat environments are present.



Type SLI is a less flexible but robust stainless steel AISI 304 conduit, that provides high mechanical and chemical protection in applications that require a high degree of corrosion protection. Typical applications include the steel, foundry, marine and shipbuilding industries as well as machine building.



Type SLI-316 is the stainless steel AISI-316 execution of the SL conduit. It provides a high mechanical and chemical protection in applications that require a very high degree of corrosion protection, but where liquid tightness is not a pre-requirement. Applications include the steel, foundry, marine, shipbuilding industries and machine building.



SLB is a very flexible conduit comprising a galvanized steel core with a robust stainless steel AISI-304 over-braid. Designed to provide mechanical and EMC protection. This stainless steel braid cover provides a high level of electromagnetic shielding for cables. Applications include the steel, foundry, metalworking and heavy duty industries.



Type UIG is a flexible, fully interlocked, galvanized steel conduit that has excellent tensile, torsional and crush strength. Excellence for high degree of mechanical and thermal protection against hot metal chips. Typical applications include: robots in steel and automotive plants, foundries, die casting and metalworking machines.



Type OR is a robust conduit with a galvanised steel core and thick, smooth oil resistant PVC cover, a good mechanical protection of cables and resistance to aggressive oils and greases. It is used in machines where metalworking fluids are used, diesel-engines, generator-sets and in the metal, paper, chemical and petrochemical industry.



Type HFX is a robust conduit with a galvanised steel core and a TPU cover that is highly resistant to chemicals, is halogen free and flame retardant. It is a very flexible conduit designed for dynamic applications where frequent movement occurs. Applications: rail and subway infrastructure, train signalling, rolling stock, marine, petrochemical and chemical industries, and closed areas like airports, tunnels and subway stations.



Type HTDL is a robust conduit with a galvanised steel core and a PVC cover. An integral grounding copper wire (till 1.1/4") provides EMI/EMP shielding for cables that require electromagnetic protection. It is UL & CSA approved. The conduit is used on transformers, paper-recycling machinery, internal transport systems, air-traffic-control systems, UMTS systems, oil & gas installations, apparatus-building industry and equipment in hazardous areas.



Type HTUA is a robust conduit with a galvanised steel core and a PVC cover. An integral grounding copper wire (till 1.1/4") provides a high level of EMI/EMP shielding for cables that require a high degree of electromagnetic protection. It is UL & CSA approved and is used to protect cables on transformers, generators, motors, actuators, valves, machinery, equipment, enclosures and installations.

## APPLICATIONS AND CHARACTERISTICS



Hiprojacket Aero Red: The ultimate heat protection for cables and hoses. This solid braided glass fiber sleeving, with thick silicone cover, according to the Aerospace Standard SAE AS1072, pass the AS1055 testing. Resistant to hydraulic fluids, lubricating oils and fuels. It protects against molten splash, occasional flames, heat radiation, energy loss in piping and hoses; also protects employees from burns. Applications: Aerospace industry, steelworks, glass and ceramics industry.



Hiprojacket Industrial Red: Similar than Hiprojacket Aero Red, for less demanding situations. It has a more open construction of glass fiber, but due to the thick silicon cover still offers good short term flame protection and temperature reduction. It is frequently used to protect cables and industrial rubber/metal hoses in the glass, ceramics and steel industry, as well as in the machine building.



Hiprotape provides the same heat protection as Hiprojacket Industrial Grade, in the form of a band which can be wrapped around already installed cables, hoses and valves. It is applicable to larger diameters pipe and allows installation in situations where it is impractical or impossible to disassemble existing cable and hose assemblies.



Hiproblanket in a split retro-fit form for quick installation on existing cables and hoses. Resistant to hydraulic fluids, lubricating oils and fuels, protects against molten splash, occasional flames, energy loss in piping and hoses; also protects employees from burns; allows quick installation in-situ without the need to dismantle and reconnect fittings.



Hiprosiltape is specially formulated to adhere to itself and is used to seal the ends of Hiprojacket and Hiprotape.



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Ctra. Bilbao-Balmaseda Km 9, Elkartegia Modulo 37  
48810 Alonsotegi – Bizkaia [www.sunesa.net](http://www.sunesa.net)  
Telf. +34 94 486 0131 – [comercial@sunesa.net](mailto:comercial@sunesa.net)