

P.F.P. FOR CABLE TRAY AND ELECTRICAL DUCTS

Cables and tray may be protected with our OGFlex against hydrocarbon fire up to 120 minutes. The system supplied is able to provide fire coverage without damaging the cable in fact thickness and no toxic fiber density are selected to meet the temperature in the unexposed portion of coverage to less than 100°C, which is the tolerance temperature of PVC cable while butyl and other coverage have higher working temperature levels.



The same protections built in a suitable way may be used even for blocking the fire entry in the closed area from outside creating a barrier to the fire penetration.

The supply may be in conformity either with UL 1709 or for jet fire as per ISO 22899-1 and a certificate issued by TUV SUD register will certify this resistance whose test have been done at the presence of TUV SUD inspector in accredited test laboratory.



The UL 1709 are much more restrictive of the as per ASTM – E 119 / UL 1724 actually normally no more used but under request we may interface the values.

Thickness and composition will be determined by the specific software.

The proposed blankets don't need any further protections, as cladding or roofing, and are maintenance free.



The materials that create the product are compressible technical blankets and tissue at high density, average is if 128 kg/cu mts, asbestos free and with a thermal conductivity of 0.10 – 0.34 W/mK

OGFlex® system is very easy and simple to install and to disassemble, without use of any tool or complicate procedures, the disassembling and the reassembling will not generate any damage to the components.

OGFlex has also a blast test certificate that grant the integrity of the protections in case of explosion and this is a very important point to be taken into consideration.

The flexible cover, of European (or USA only) manufacturing, as all the products used in our production entities, are materials that:

- Are UV stabilized - Are oil and acid resistant - The assembly Has a guarantee against hydrocarbon fire
OG is already in the vendor list of:

- Saipem
- Petrofac
- Zadco
- Takeer
- Gasco
- Adnoc
- Technip
- Borouge
- Adco
- McDermott

All the major valves and actuators manufacturers.

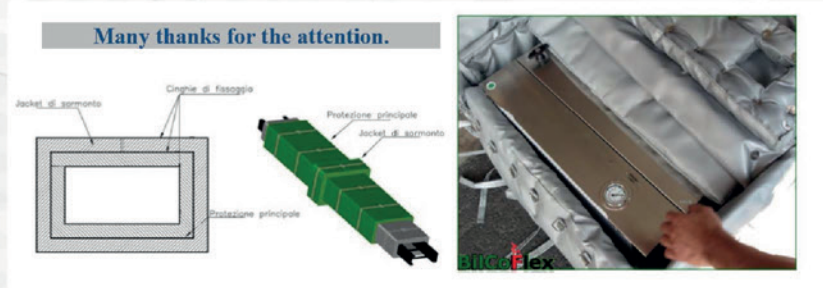


المكتب الإيطالي للصناعة والتجارة في دولة الامارات العربية المتحدة

In the picture is evidenced how is easily made the overlapping and opening may be done wherever is necessary.

In case the supporting steel structures need to be protected then the scope will be obtained wrapping the beams with multilayers of super insulating material denominated OGGel®.

The softening temperature for the steel is of 530°C and then the thickness will be calculated accordingly with this parameter and a test report may be submitted.



ADVANTAGES OF OGFLEX® FOR PIPELINES AND ELECTRICAL DUCTS PROTECTIONS WITH TYPE APPROVAL CERTIFICATES, IN PARTICULAR:

All the protected components may always be inspected, everybody is able, thanks to our patented system, to install and to disassemble the protections. In case of pipeline or cable tray maintenance or modifications, not a single piece has to be thrown away, intervention is immediate and no need to eliminate the paint before the work. Not only and no specialists are needed to replace or to protect what refurbished or modified. In case of a any issue it is enough to disassemble the protections just where the issue is,

Our system doesn't need any top coating for the protection against salty fog and UV, while the paint needs regular maintenance and control.

No specific protections are needed for the installation and no tools are required.

NO CORROSION because there's always an air circulation and no corrosion may happen as may be under the paint.

The nominal thickness we have to use in order to satisfy to your specifications, is of 25mm but it may be compressed of 1/3 without losing the fire protections characteristics in that area, then even in hidden places you may install our jackets.



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