



JURUNATURE SDN BHD

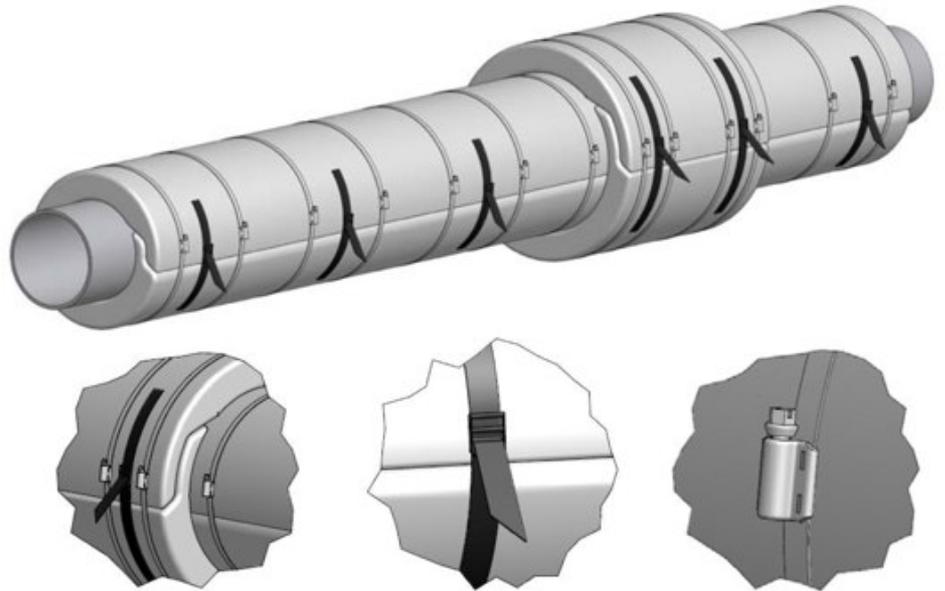
JuruFlex-120

A Modern, Wire Free, Easy to Install,
Jet Fire Jacket System

JURUNATURE SDN BHD

*provides a complete design,
project management and
supply service for Passive
Fire, Explosion Protection
and Blast Relief Systems*

The company offers
clients a complete
solution protecting
critical plant shutdown
equipment against the
effects of hydrocarbon
& jet fire conditions
allowing plant to
shutdown safely



The effects of hydrocarbon fires within the oil & gas industries both on and offshore can be catastrophic and can result in major loss of life and capital investment.

JuruFlex-120 passive fire protection is a best of breed flexible fire protection jacket system with quilted construction to facilitate complex structural shapes.

JuruFlex-120 is designed for rapid installation using the **JURUNATURE** safe-lock securing system and is fully removable and re-installable for inspection and maintenance.

JuruFlex-120 is a certified system, tested to the new and more onerous jet fire standard ISO 22899-1 ("Determination of the resistance to jet fires of passive fire protection materials").

JuruFlex-120 can be installed around critical plant shutdown equipment such as valves & actuators, pipes and associated equipment, electrical raceways, junction boxes and vessels.

JURUNATURE

SDN BHD

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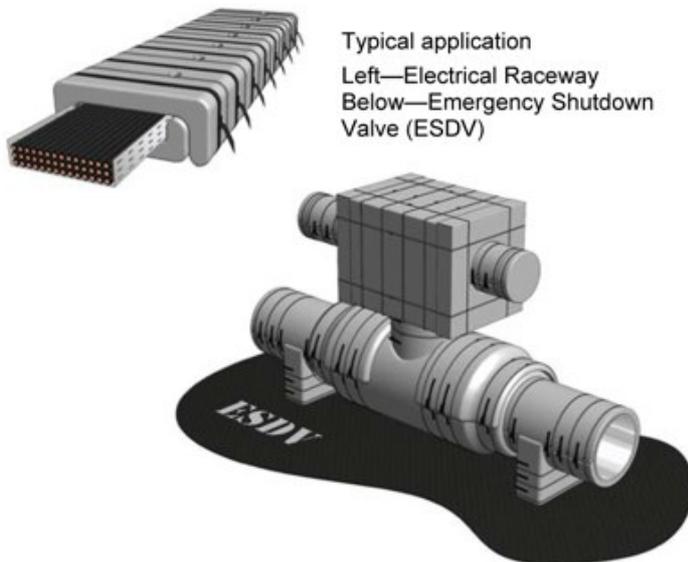


JuruFlex-120 Test Assembly

JuruFlex-120 is of a quilted core composite construction consisting of multiple layers of high temperature fire resistant fibre encased within a weather proof outer cover.

JuruFlex-120 is designed to be tight fitting around critical plant equipment and comprises an assembly of pre-shaped jackets secured together using the **JURUNATURE** safe-lock system. The jacket system is easy to install and remove using a combination of quick release fasteners and the **JURUNATURE** safe-lock securing system.

JuruFlex-120 has been developed and extensively tested to withstand the onerous effects of high temperature hydrocarbon jet fires (witnessed and approved by Lloyd's Register) and as such **JuruFlex-120** can be applied extensively within the onshore and offshore oil & gas industry, thus reducing fire loss or damage by allowing controlled shutdown of facilities in the event of a major incident.



Typical application
Left—Electrical Raceway
Below—Emergency Shutdown Valve (ESDV)

Advantages of **JuruFlex-120**

- Simple to install and remove
- Inspection hatches can be incorporated
- Asbestos free
- Manufactured using non RCF fibre
- All testing witnessed & certified by Lloyd's Register
- J120 certified
- NO lacing wire

Typical **JuruFlex-120** applicators

- Valves & Actuators (ESDVs, MOVs etc)
- Vessels
- Pipework & Flanged Joints
- Electrical Raceways (cable trays & conduits)
- Junction Boxes

JURUNATURE Capabilities

- In-house design and engineering facility
- Design, engineer, manufacture and site installation of **JuruFlex-120** system
- Services include site installation, site supervision, surveys, risk assessment & safety audits
- All component fully tested and certified
- Quality Accreditation to ISO 9001:2008
- OHSAS 18001:2007 Accredited
- Full range of Fire & Blast Services

