



762 HIGH TEMP JOINT COMP

Description

Optimum sealing efficiency is attained within the temperature range of 550°C to 760°C but, dependent on the characteristics of the joint faces involved, a satisfactory performance can be achieved over a wider temperature range. For example, the compound is known to be effective from 200°C to 800°C in the case of rigid joint faces of good surface finish, which are free from distortion and differential movement at the operating temperatures.

Application

762 HIGH TEMP JOINT COMP is designed for the sealing of joints to prevent leakage of air or other gases where operating temperatures in the range of 550°C to 760°C can be experienced.

Method of Use

A thin layer of compound should be spread over each of the faces to be joined by means of a flexible knife blade or spatula. The faces should be brought into contact as soon as possible after the application of the compound. In applications where it is necessary to cure 762 HIGH TEMP JOINT COMP in situ, the joint components must be heated to approximately 100°C by some safe method. A hot-air blower is ideal for this purpose. Joints can be parted after service by tapping with a soft mallet, thus shattering the film of compound which becomes brittle at room temperatures after operation at elevated temperatures.

Compound still adhering to the exposed joint surfaces can be cleaned off by soaking in hot water for about one hour followed by wire brushing. Larger faces can be cleaned by applying hot water to the surfaces with a sponge or cloth, then scraping or wire brushing.

Advantages/Benefits

- Light colour - almost odourless
- Highly adhesive to metal surfaces
- Typical applications are automotive and aircraft exhaust manifolds and turbocharger joint faces etc
- Non-combustible
- Easy to dispense from 225g tubes

Specifications

- General Electric A 15 D 6-S (Interim Approval) - "High Temperature Jointing Compound".
- Approved by Rolls Royce plc under MSRR 9294.
- Recommended for use by: -
 - Pratt and Whitney
 - Normalair/Garret Turbochargers
 - Lucas CAV Turbochargers
 - Mikuni Carburettors
- Included in Perkins Service Bulletin TV8.540, Jointing of Exhaust Manifold Sleeves.