

# The First and still No. 1

## **LATTY<sup>®</sup>flon 4788**

**the original aramid fibre packing**

We call it Yellow Fibre but to many users it has been worth its weight in gold.

For the first time, they had a non-asbestos packing able to handle

◆ Temperature: up to 300 °C / 575 °F\*     ◆ Speed: up to 25 m:sec. / 5,200 fpm\*

◆ Pressure: up to 200 bar / 2,900 psi\*     ◆ pH: in the range of 2-13  
and to resist for months abrasive slurries that ruined asbestos packings  
in a few hours.



\*Parameters non associated

Today, tens of thousands of rotary machines used in the production of pulp, paper, board, sugar, chemicals, coal, copper, steel, salt, dyes, inks, in food processing, brewing, and innumerable other industries, owe their increased efficiency and reduced maintenance costs to LATTYflon 4788.



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## TYPICAL APPLICATIONS INTRODUCED WITH LATTYflon 4788

Application	Duration of previous packing	Duration of LATTYflon 4788	Life improvement factor 1:
Digester	2 months	6 months	3
Refiner	4 weeks	8 weeks	2
Defibrator	5 days	30 days	6
Mixer	5 weeks	10 weeks	2
Stock pump	4 weeks	26 weeks	6.5
Pulper	3 weeks	21 weeks	7
Chlorine pump	2-3 weeks	24 weeks	9
Mica slurry pump	7 days	76 days	11
Gravel/clay pump	1-3 weeks	16 weeks	8

All cases are fully documented and details of an example of any particular application are available on request.

### WHAT IS THE SECRET?

An aramid fibre has a high tensile strength but a low surface resistance. It needs careful treatment before it can operate in contact with a moving surface. A year of experimentation led us to the conclusion that we needed an entirely new treatment method by which the raw multi-filament yarn could be coated and impregnated in a regulated and controllable manner.

To meet this need, an exclusive and patented method, the Filcoat process, was developed. Yarn can pass through this process at the rate of 10 m/sec. with the certainty that a controlled volume of PTFE and lubricant is taken up, from the surface to the core of the yarn, uninterruptedly millimetre by millimetre. This treated yarn then becomes the basis for the superplaited packing which is formed within a bath of the same treatment solution. The lubricant is a specially selected **food quality** grade with exceptional temperature and chemical stability. **It contains no silicone.**

The result of this attention to high quality standards at each material selection and production stage is a packing. LATTYflon 4788 that revolutionised sealing standards when first introduced and has been gaining in reputation by the consistency of its performance ever since.

There have been many imitators, of course, but each has lacked the quality of yarn treatment and the quality of lubricant that we apply. Consequently, imitators have never been able to reproduce the operating success nor the absence of shaft abrasion, that LATTYflon 4788 lives constantly to user satisfaction?

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