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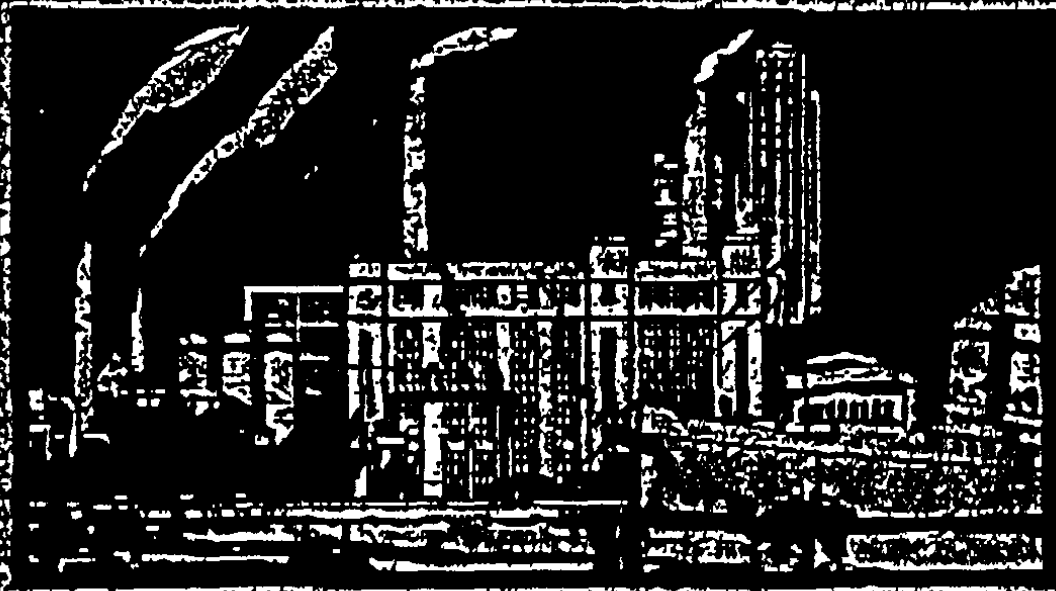
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F.B.H.

"John Crane"
FABRIC
PACKINGS



Catalog No 20

Copyright 1931
Crane Packing Company
Chicago, U. S. A.



CRANE PACKING COMPANY

Factory and General Offices
1800 Cuyler Avenue, Chicago, Ill.

BRANCHES

Prompt service through any of the following branches:—

New York
Baltimore
Pittsburgh
St. Louis
New Orleans
San Francisco
Portland

Philadelphia
Norfolk
Cleveland
Oklahoma City
Fort Worth
Los Angeles

Boston
Buffalo
Detroit
Tulsa
Houston
San Pedro
Seattle

CANADA

Vancouver

Toronto

“John Crane”

REG. U. S. PAT. OFF.

Introduction



IN this Catalog we introduce to our numerous clients, our general line of Fabric Packings, Mechanical Rubber Goods, and Engineering Specialties.

Our modern facilities for research, design and manufacture, from the crude materials to the finished product under true craftsmen's standards, represent years of experience and progressive advancement in the art of packing manufacture.

The Trade Mark "John Crane" guarantees Quality, Service and Satisfaction to our customers.

Diversified packing problems requiring consultation, will receive personal attention from our experienced sales and service engineers.

"John Crane"

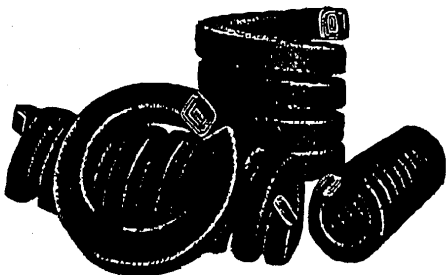
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CRANE PACKING COMPANY
1800 Cuyler Avenue :: :: Chicago, Ill.

Fabric **"John Crane"** Packings

REG. U. S. PAT. OFF.

High Pressure Asbestos Steam Packing



Spiral Form.....Style 800
Ring Form.....Style 801

A High Pressure Asbestos Steam Packing for industrial and marine service. Successfully packs high speed engines, expansion joints, air compressors and all auxiliary piston and valve rods.

Manufactured from imported long fibre asbestos, with heat resisting expansion rubber back, carefully treated with special lubrication.

(Sizes $\frac{1}{4}$ to $1\frac{1}{2}$ inches)

*Furnished without expansion rubber
back when specified.*

High Pressure Asbestos Steam Packing with Expansion Center

Spiral Form.....Style 802
Ring Form.....Style 803

Identical in construction with Style 800 (above), but with expansion core center instead of back.

(Sizes $\frac{1}{4}$ to $1\frac{1}{2}$ inches)

Made with copper wire insertion when specified.

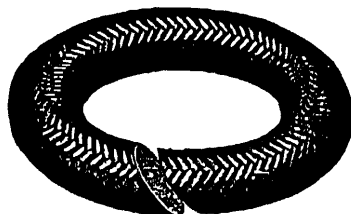
Our Research Laboratories are Always at Your Service

CRANE PACKING CO. Chicago, Ill.

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Fabric **"John Crane"** Packings
REG. U. S. PAT. OFF.

Braided Asbestos Packing *Jacket Construction*



*long
fibre*

Steam — Air — Gas

Coil Form, Square	Style 804
Ring Form, Square	Style 805
Coil Form, Round	Style 806
Ring Form, Round	Style 807

This packing is made from long fibre asbestos, each strand lubricated and graphited separately, and tightly braided, one jacket over the other. Contains no rubber or friction compound.

Ideally suited for steam, air and gas services, dealing with pressures not exceeding 300 lbs., and maximum temperatures of 600° F. Will not harden in stuffing box, and operates with a minimum of friction.

(Sizes $\frac{3}{8}$ to 1½ inches)

Hot Oil Service

High Pressure

High Temperature

Coil Form	Style 808
Ring Form	Style 809

A braided asbestos packing developed to meet the demand for high pressure and high temperature oil service. Identical in construction with Style 804, except the inner asbestos jackets are treated with a special compound which prevents permeation of the hot vapors and gases.

Can be used for wiper rings, in combination with metallic packing sets. Recommended for all pressures and temperatures of modern cracking processes.

(Sizes $\frac{3}{8}$ to 1½ inches)

For Economy—Efficiency—Satisfaction—Use "John Crane" Packings

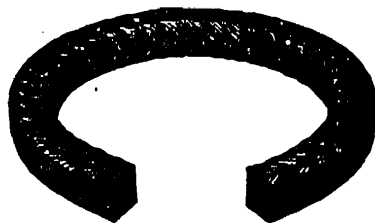
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Fabric **"John Crane"** Packings

REG. U. S. PAT. OFF.

Braided Asbestos Packing

Plaited Braid Construction



Rotary Service

Coil Form.....Style 810
Ring Form.....Style 811

The plaited braiding of long fibre asbestos produces a resilient packing for use on all rotary services. This packing is thoroughly impregnated with "John Crane" insoluble lubricating compound, which adds to the service hours, and reduces frictional wear on pump shafts and sleeves. The softness of the packing allows it to conform readily to beveled stuffing boxes without using extreme gland pressure.

Recommended for all rotary services. Especially adapted for boiler feed and circulating pumps using bronze or steel shafts. Maximum pressure 300 lbs. per square inch.

(Sizes $\frac{1}{4}$ to $1\frac{1}{2}$ inches)

896 is 812 with a special sulphuric acid lub.

Chemical Service

Coil Form.....Style 812
Ring Form.....Style 813

To resist the corrosive action of acids and chemicals, African Blue Asbestos is carefully selected for its acid resisting qualities, and plaited into square form similar to the square flax construction.

This packing is impregnated with "John Crane" insoluble lubricant, the base of which is made from an acid resisting compound, which contributes to the life of the packing. This insoluble lubricant possesses anti-frictional qualities, preventing wear of pump rods, shafts and sleeves.

Highly recommended for caustic, sulphuric acid, nitric acid and concentrated chemical services.

(Sizes $\frac{1}{4}$ to $1\frac{1}{2}$ inches)

When ordering, state class of service so that special lubrication adapted to the chemical may be supplied.

There is a "John Crane" Packing Specially Adapted for Every Service

CRANE PACKING CO. Chicago, Ill.

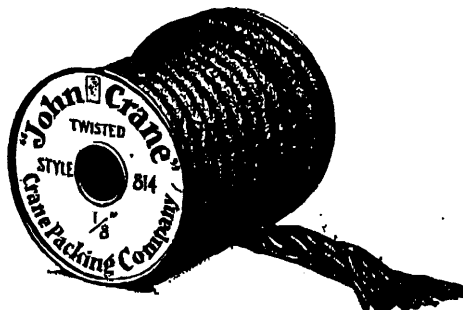
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blue
asbestos

Fabric **"John Crane"** Packings

REG. U. S. PAT. OFF.

Asbestos Valve Stem Packing



*pure
long
fibre*

Twisted Type.....Style 814

Braided Type.....Style 815

"John Crane" Asbestos Valve Stem Packing is twisted or braided from commercially pure, long fibre, Canadian Asbestos Yarn, the strands of which are treated with a high heat resisting lubricant, and then graphited.

This packing is soft, easily installed in small stuffing boxes, and will not harden when carried in stock over long periods.

Can also be furnished with rubber and graphite compound for special services.

Recommended Uses

This packing is recommended for all styles of globe, angle and stop valves, small pump shafts and rods handling steam, air, oil and water, at any pressures or temperatures.

(Sizes $\frac{1}{16}$ " and under 1 lb. spools)

(Sizes $\frac{1}{8}$ " and larger 5 lb. spools)

*Also furnished in continuous lengths on
reels of any weight required.*

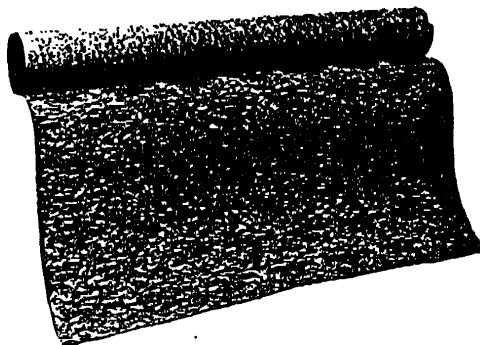
Only the Finest Lubricants Used in "John Crane" Packings

CRANE PACKING CO. Chicago, Ill.

Sheet **"John Crane"** Packings

REG. U. S. PAT. OFF.

Asbestos Sheet Packing *High Pressure Service*



Style 333

"John Crane" Style 333 Compressed Asbestos Sheet Packing is designed for high pressure steam and superheat service. Carefully selected long fibre asbestos, combined with a minimum quantity of binding compound, compressed under tremendous pressure, results in a homogeneous sheet, possessing great tensile strength and the ability to sustain pressures at 30,000 lbs. per square inch.

Toughness, resiliency, and resistance to the action of acids, chemicals, ammonia, brine, gas and alkali, are commendable features.

Insures Tight Joints

Joints gasketed with "John Crane" Asbestos Sheet Packing require no following up, and remain tight under diversified conditions without burning, blowing or pressing out.

This packing will not deteriorate or dry out when carried in stock.

When a New Condition Arises Requiring Special Service, Call Upon Us

CRANE PACKING CO. Chicago, Ill.

Table of Specifications

Asbestos Sheet Packing

Style 333

Standard Sheet Sizes

40 x 40	50 x 50
40 x 120	50 x 100
50 x 150	

Special Sheet Sizes—for Large Gaskets

60 x 60	60 x 120
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Approximate Weight Per Square Yard

$\frac{1}{16}$ " Thick.....	1.3 lbs.	$\frac{1}{4}$ " Thick.....	7.8 lbs.
$\frac{3}{32}$ " Thick.....	2.7 lbs.	$\frac{3}{8}$ " Thick.....	10.8 lbs.
$\frac{1}{8}$ " Thick.....	5.4 lbs.	$\frac{1}{2}$ " Thick.....	16.2 lbs.
$\frac{3}{16}$ " Thick.....	21.6 lbs.		

Finish of Sheets

1. Natural Color (Yellow)
2. Graphited One Side
3. Graphited Both Sides
4. Graphited Throughout Sheet (Gray)
5. Red One Side, Graphite on Other Side

Die Cut Gaskets

We are in position to furnish gaskets of any design and size, die cut from any of the above sheets in accordance with your blue print specifications or samples submitted.

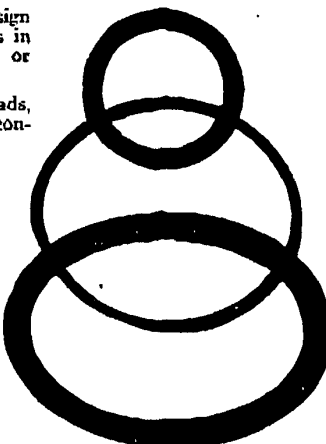
These gaskets are adapted for use on cylinder heads, pumps, manifolds, water, steam, air or gas connections.

Flange Gaskets

For standard and extra heavy flanged valves and fittings we carry a complete stock in all sizes for immediate delivery.

On new construction field work these cut gaskets are both practical and economical.

For sizes and list prices see Pages 32 and 33.



Die Cut Gaskets

For Economy—Efficiency—Satisfaction—Use "John Crane" Packings

CRANE PACKING CO. :: Chicago, Ill.

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Miscellaneous

In addition to the lines illustrated and described on preceding pages, we are also in position to furnish many other specialties. The following represents a partial list:

Asbestos Cement for Boiler Covering
Asbestos Cloth
Asbestos Gloves and Mittens
Asbestos and Magnesia Pipe Covering
Asbestos Mill Board
Asbestos Paper
Asbestos Yarn
Braided Asbestos Tubing
Cotton Wicking
Manganese Jointing Paste
Corrugated Rubber Matting
Perforated Rubber Matting

Hose Accessories

Clamps
Expansion Ring Couplings
Nozzles
Racks
Reducing Couplings
Shank Couplings
Spanner Wrenches
Washers

Tools

Condenser Packing Insertion Tools
Condenser Packing Removal Tools
Condenser Tube Belling Tools
Condenser Tube Expanders
Condenser Tube Ferrule Wrenches
Gauge Glass Cutters
Packing Hooks
Packing Sticks

Prices on Application

Our Research Department is Constantly Working on New Developments

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