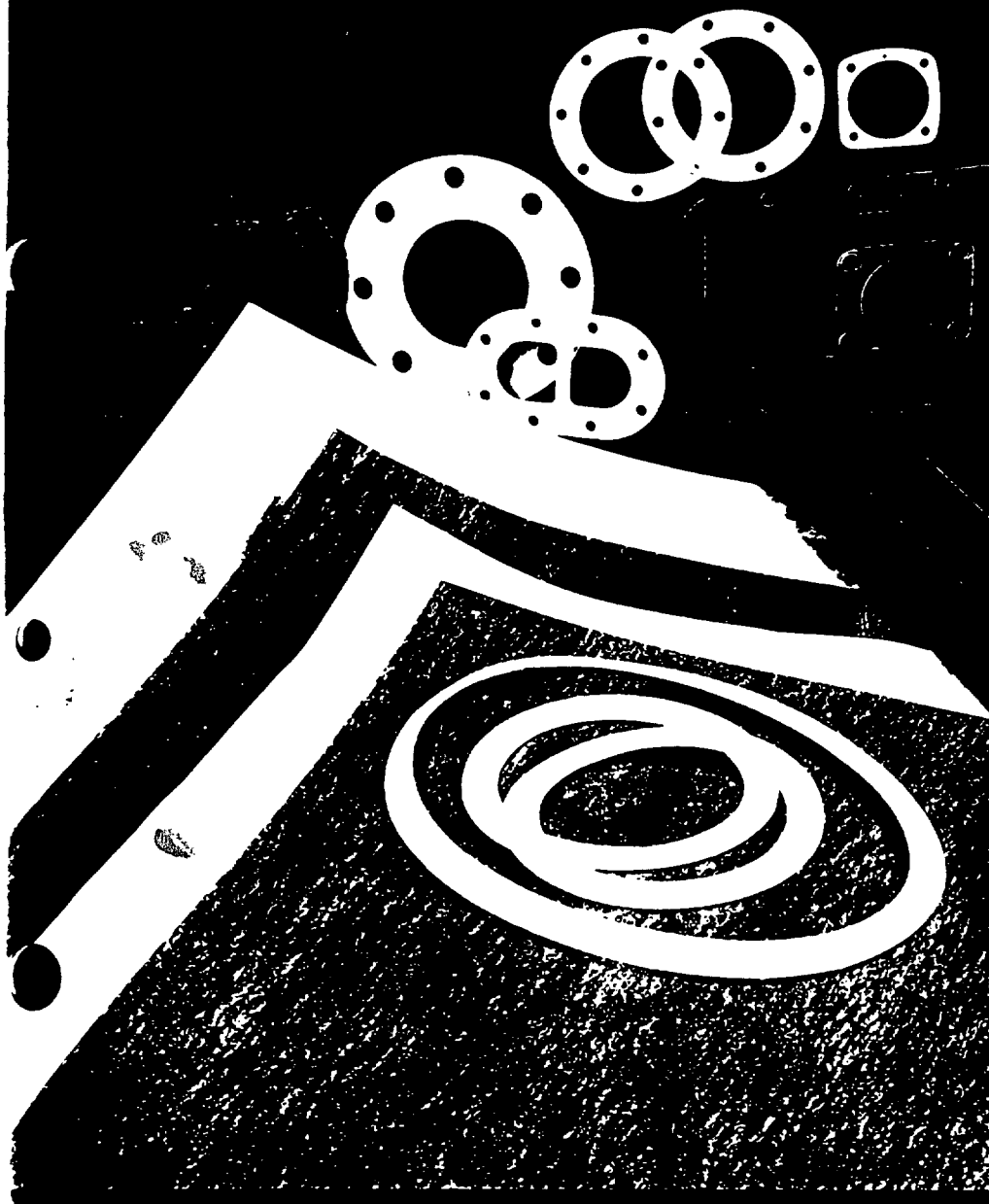


PLAINTIFF'S EXHIBIT

CEL-1198



HNA SH STEW 4078

Compressed Non-Asbestos Gasketing

Compressed Non-Asbestos Gasketing -
The industry's most reliable gasketing has
been developed by a company that has
been in the business of making the best
gaskets for over 50 years. Our asbestos
gasketing materials continue our long
history of reliability with a selection to fill
all your gasketing needs.

Standard sizes: 30" x 180"
Standard thicknesses: 1/8", 1/4", 3/8", 1/2", and 5/8"

Style	ASTM F104 Line Call Outs
443-A	F712100A9B4E22K5M6
441/442	F712400A9B4E44K5M9
437	F712400A9B4E34K5M9
445	F712000A9B4E99K5M9

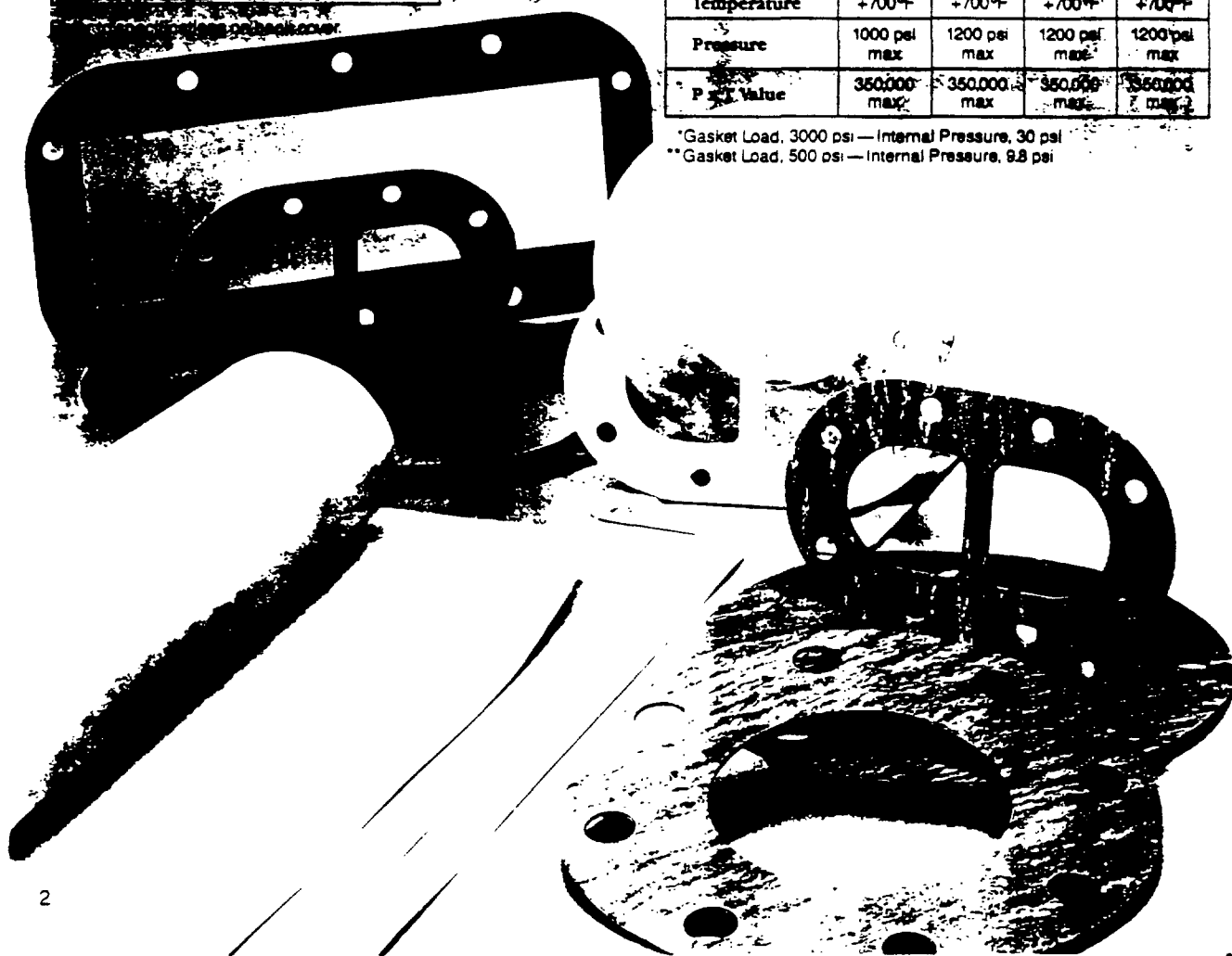
Typical Physical Properties

ASTM Test Method	Description	Styles			
		443-A	441/442	437	445
F99	Compressibility % Range	7-17	7-17	7-17	7-17
F99	Recovery: Min	50	50	50	50
F47	Sealability: Nitrogen*	1.1	0.50	1.1	1.1
F47	Sealability: Fuel A**	0.25	0.15	0.3	0.3
F38	Creep Relaxation %	22	18.5	18.5	22
F152	Tensile Strength	2200	2700	2700	2200
F148	Five Hour Immersions				
	ASTM #1 Oil @ 300°F				
	Thickness increase	0-5%	0-10%	0-5%	20-38%
	Max weight increase	8%	20%	15%	—
	ASTM #3 Oil @ 300°F				
	Thickness increase	0-15%	15-30%	15-30%	80-99%
	Max tensile loss	35%	70%	50%	—
	ASTM Fuel A @ 73°F				
	Thickness increase	0-5%	0-15%	0-10%	10-15%
	Max weight increase	8%	25%	20%	—
	ASTM Fuel B @ 73°F				
	Thickness increase	0-10%	5-20%	5-20%	20-38%
	Max weight increase	15%	30%	20%	—
	Density	1.5 g/cc	1.6 g/cc	1.8 g/cc	1.6 g/cc

Temperature	+700°F	+700°F	+700°F	+700°F
Pressure	1000 psi max	1200 psi max	1200 psi max	1200 psi max
P.T. Value	350,000 max	350,000 max	350,000 max	350,000 max

*Gasket Load, 3000 psi — Internal Pressure, 30 psi

**Gasket Load, 500 psi — Internal Pressure, 9.8 psi



Compressed Non-Asbestos Gasketing

SuperHEAT™ 490C & 495C

The HIGH TEMPERATURE Non-Asbestos Gasket Material You've Been Waiting For

Utilizing a unique Carbon Fibre/SBR or NBR construction Anchor engineers have created a non-asbestos gasketing material that is as easy to cut and handle as conventional gasketing, yet is tough enough to handle the severest conditions

Outstanding Sealability =

- Less Product Loss
- Less Environmental Concerns

Superior Creep Relaxation =

- Less Retorquing
- Less Maintenance Time

Tough Carbon Fibre Construction =

- Flexible
- Strong
- Easy to Handle and Cut
- Less Waste
- Easier to Remove

Superior Heat and Chemical Resistance =

- Fewer Gasket Materials Required
- Reduced Inventory Requirements

ASTM F194 Line Call Outs
490C F71240CA9B2E34V9
495C F71200CA9B2E33V9

Refer to specifications on back cover

Temperature	+490°C +914°F
Pressure	2000 psi max
P x T Value	700,000 max
Fluid Service	Steam, Hot Air, Hot Oil, Water, inert Gases, Mild Alkalies and Mild Acids

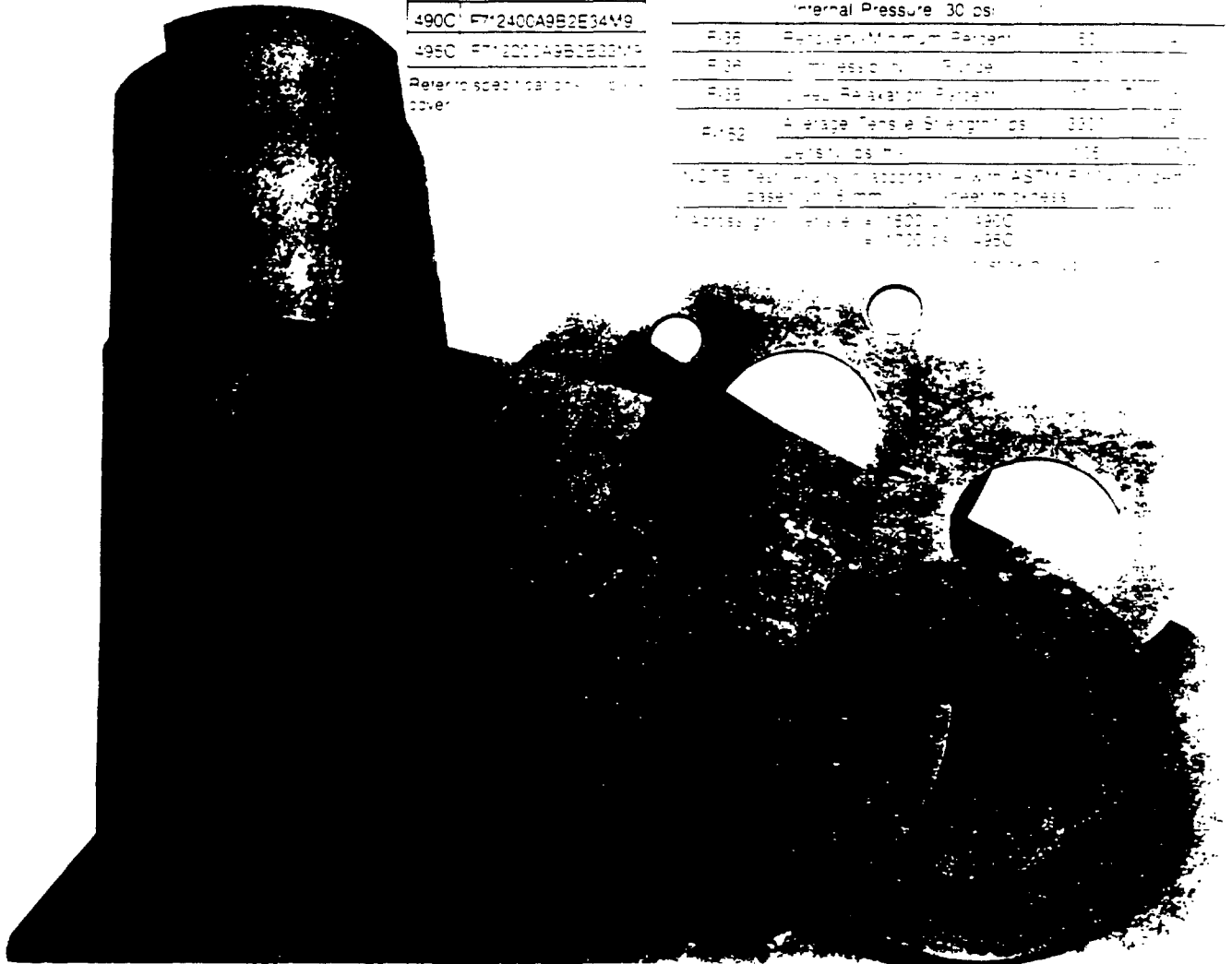
Sheet Sizes Available—
60" x 60" 60" x 120" 60" x 180"

Sheet Thicknesses Available—
.04" .12" .24" .32" .48" and .72"

Typical Physical Properties

ASTM Test Method	Description	Superheat 490C	Superheat 495C
F37	Sealability—Meters Hour Leakage ASTM Fuel A Isooctane Gasket Load 500 psi Internal Pressure 9.8 psi Nitrogen Gasket Load 3000 psi Internal Pressure 30 psi	0.15 0.10	0.15 0.12
F36	Permeation—Minimum Percent	60	60
F38	Compression Set—Percent	70	70
F39	Creep Relaxation—Percent	40	40
F452	Average Tensile Strength—psi Ultimate—psi	3300 100	3300 100

NOTE: Test results in accordance with ASTM F194, except for compression set which is in accordance with ASTM D395. Compression set is measured at 180°C for 490C and 170°C for 495C.



Anti-Stick Compressed Asbestos Gasketing

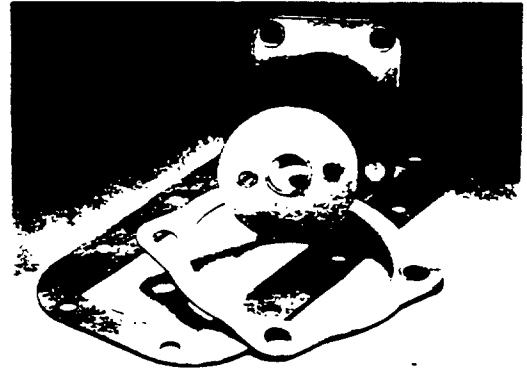
For years Anchor Packing compressed asbestos gasketing materials have set the standard by which many competitive materials have been measured. From Styles 424, 425 (MIL HHP 46E) to the "stand alone" TAURIL™ 480 gasketing, Anchor Packing has a complete line of compressed materials to meet your needs.

Style	TWICOM™ 459	TAURIL™ 480	424 + 425	450	TARGET™ 400
Temperature Rating	1000°F	1000°F	750°F	750°F	935°F
Pressure x Temperature Max.	350,000	350,000	350,000	350,000	350,000
Maximum Pressure	3000 psi	1500 psi	1500 psi	1500 psi	1500 psi
Color	Grey Black	BL ^W	424 Grey Black 425 Off White	Grey Black	Grey Black

Graphite Gasketing

Style 15 Flexible Graphite Gasketing. This style is one of the premier gasketing materials available today. In addition to the excellent chemical and heat resistance normally associated with flexible graphite materials, Style 15 has the greatest crush resistance of almost any non-metallic gasketing material. This translates into uses at extreme temperatures and pressures.

Temperature: 932°F in oxidizing media, 1200°F in steam
pH: 0-14
Pressure Max.: 2000 psi
P x T Max.: 700,000



Woven Cloths and Tapes

Anchor offers a complete line of woven glass and ceramic cloths, tapes and ropes. In addition, several specialty styles for that "unique" application which is often so difficult to solve.

Please refer to Service Selection Chart on page 7 for more detailed information.

Premium Grade Rubber Gasketing

For those applications that require more than just commercial grade, the Anchor Packing Company offers a wide range of premium rubber gasketing products to meet most any condition.

For information on other than premium rubber gasketing, contact your local Anchor sales office.

Reinforced Rubber and Diaphragm Gasketing

Anchor produces a very versatile line of diaphragm material with a balanced weave of long staple cotton duck, thoroughly finished and bonded to the various cover stock. For superior flexibility and longer life under sustained pressure and flexing, Anchor also provides nylon inserted sheets.

All styles are specially compounded with various fabrics and rubber combinations to meet specific sets of conditions.

Vegetable Fibre Gasketing

Rugged, durable and economical describes Anchor vegetable fibre sheet gasketing. Anchor Style 402 HYDROIL[®] material has long been the number one choice throughout industry because of its flexibility, cutability and its extremely long shelf life.

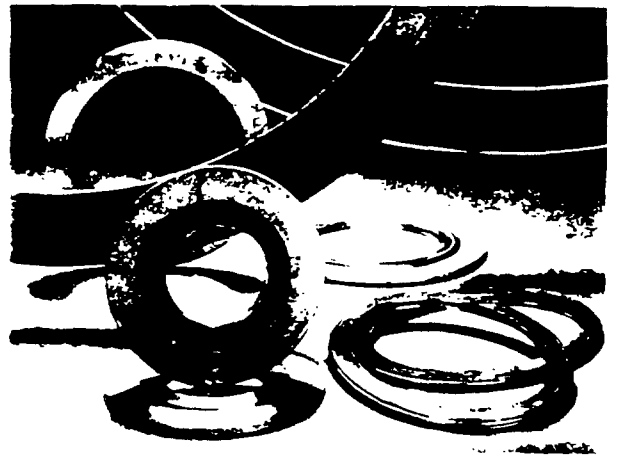
Anchor Style 407 consists of an oil resistant binder combined with vegetable fibre and granulated cork. The results are a strong, flexible sheet which is highly resilient and compressible.

Please refer to Service Selection Chart on page 7 for more detailed information.

ANKOTALLIC Spiral Wound Gaskets

Our spiral wound gaskets offer long, positive, durable sealing under the highest and most fluctuating system pressure loads. Anchor supplies a full range of standard gaskets thru 24" nominal pipe size, 1500 psi pressure. For more information on a full range of sizes and pressures above 24" contact your local Anchor sales office.

In addition to our vast range of standard ANKOTALLIC gaskets, we offer special ANKOTALLIC gaskets for a most any service condition. Gaskets can be ordered in a most any practical combination of pressure/temperature service capabilities from vacuum to 15000 psi and above, from cryogenic temperatures to 1900°F and higher. Thicknesses of .0625, .125, .175, .250, and .286 are available in any diameter beyond 24" nominal pipe size.



Solid ANKLON® (PTFE) Sheets and Gaskets

The superior chemical resistance, durability and non-contaminating features of PTFE materials are found in many different styles of ANKLON gasketing products. The Anchor Packing Company can supply these materials in sheet form and in machined gaskets to suit your needs.

ANKLON gasketing materials are available filled to add dimensional stability, etched to enhance bonding characteristics and can also be made to meet food and pharmaceutical specifications.

ANKLON (PTFE) Envelope Gaskets

The Anchor ANKLON envelope gasket family is fabricated from envelopes of ANKLON filled with other relatively soft gasketing materials. They are designed for use in glass lined equipment and on low alloy flanges where bolt pressures must be light but yet still effect a seal. ANKLON envelope gaskets are available in split, folded and machined configurations. Contact your local Anchor office for special applications and configurations.



Manhole/Handhole Gaskets

Anchor Packing has the capability of supplying boiler handhole and manhole gaskets made from several different materials. Woven gaskets can be supplied with asbestos fibres, as well as newly developed proprietary non-asbestos fibres. In addition, molded EPDM gaskets are also available. Gaskets are available in popular sizes. (Special sizes on request.)



Selection Table

● Preferred ○ Satisfactory				Media																Comments
				Hardness, Durometer	Acids		Alkalies		Gases		Oils		Solvents		Steam	Water & Salt Solution	Fluid where Non-Contamination Required			
					Mild	Corrosive	Mild	Corrosive	Air & Dry	Bromine, Chlorine	Oxygen	Petroleum	Synthetic, Diesel, Aromatic (Benz. etc.)	Aliphatic (Gas, etc.)				Chlorinated	Hydrocarbons, Halocarbons	
Anchor Style	Basic Composition	Product	Max. Temp.																	
443-A	Synthetic Fibre Nitrile (NBR) Binder	Compressed Non-Asbestos	+700°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Good General Purpose	
"WICOM 441	Wire Inserted Synthetic Fibre (NBR) Binder	Compressed Non-Asbestos	+700°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Higher Pressures	
441 442	Synthetic Fibre SBR Binder	Compressed Non-Asbestos	+700°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Superior Seals	
437	Synthetic Fibre Neoprene (CR) Binder	Compressed Non-Asbestos	+700°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Excellent Against Refrigerants	
445 EPT	Synthetic Fibre EPT** Binder	Compressed Non-Asbestos	+700°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Excellent Ozone Steam Resistance	
Supreme 490-C	Carbon Fibre SBR Binder	Compressed Non-Asbestos	+914°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Excellent High Pressure Steam	
Supreme 495-C	Carbon Fibre NBR Binder	Compressed Non-Asbestos	+914°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Excellent High Pressure Steam Hot Oil	
425*	White Asbestos SBR Binder	Compressed Asbestos	+750°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Prime General Service	
424	White Asbestos SBR Binder	Compressed Asbestos	+750°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Hot Oil Resistant	
450	White Asbestos Neoprene (CR) Binder	Compressed Asbestos	+750°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Prime for Gas Refrigerants	
"AURIL 480	White Asbestos SBR Binder	Compressed Asbestos	+1000°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	High Temperatures	
"ARGET 400	White Asbestos Nitrile (NBR) Binder	Compressed Asbestos	+350°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	General Solvent Refrigerants	
"WICOM 459	Wire Inserted White Asbestos SBR Binder	Compressed Asbestos	+1000°F	NA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Heavy Duty Steam	
15	Pure Graphite	Flexible Graphite	See page 4	NA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Very High Temperatures	
2411	Natural Rubber	Homogeneous Rubber	+200°F	35	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Soft for Gum Rubber	
475	SBR	Homogeneous Rubber	+200°F	80	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Prime Rec Rubber	
4612	SBR	Homogeneous Rubber	+200°F	60	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
4813	Neoprene (CR)	Homogeneous Rubber	+225°F	80	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
4713	Neoprene (CR)	Homogeneous Rubber	+225°F	70	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
4613	Neoprene (CR)	Homogeneous Rubber	+225°F	60	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Prime Neoprene	
4513	Neoprene (CR)	Homogeneous Rubber	+225°F	50	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
4814	Nitrile (NBR)	Homogeneous Rubber	+225°F	80	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
4714	Nitrile (NBR)	Homogeneous Rubber	+225°F	70	○	○	○	○	○	○	○	○	○	○	○	○	○	○	Prime Nitrile	
4614	Nitrile (NBR)	Homogeneous Rubber	+225°F	60	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
4615	VITON***	Homogeneous Rubber	+392°F	75	●	●	●	●	○	○	○	○	○	○	○	○	○	○		
4619	EPDM	Homogeneous Rubber	+300°F	60	●	○	●	○	○	○	○	○	○	○	○	○	○	○	Excellent Ozone Resistance	
4519	EPDM	Homogeneous Rubber	+300°F	50	●	○	●	○	○	○	○	○	○	○	○	○	○	○	Excellent Ozone Resistance	
421	SBR Rubber, Cotton Cloth	Reinforced Rubber	+250°F	80					○											
8713	Neoprene (CR) 20-oz. Hose Duck	Diaphragm	+250°F	70					○			○		○					Heavy Cotton Reinforcement	
9813	Neoprene (CR) 13-oz. Nylon	Diaphragm	+250°F	60					○			○		○					Prime General Duty	
407	Cellulose Fibre, Cork, Glue, Glycerine	Vegetable Fibre	+212°F	NA					○			○	○	○	○				Soft Resilient Non-water	
402	Cellulose Fibre, Glue, Glycerine	Vegetable Fibre	+212°F	NA					○			○	○	○	○				Firm Non-water	

* STYLE 425 Compressed Asbestos sheet has never been officially approved by any governmental or other independent laboratory for oxygen service. Despite the fact that we have many satisfied customers who have used this product for years in oxygen service, we cannot guarantee its fitness for such use.

** Ethylene Propylene Terpolymer

*** Registered trademark of DuPont.

NA = Not Applicable



Anchor Packing

Where doing it right is our tradition

SPECIFICATIONS

ASTM F104 Line Call Outs (Based on 1/32" thickness)

Style No. 443A Line Call Out

F712100A9B4E22K5M6

- A9: (1) Nitrogen Leakage: 1.5 ml/hr maximum (1.1 ml/hr typical)
(2) ASTM Fuel A Leakage: 1.0 ml/hr maximum (0.25 ml/hr typical)

Style No. 441/442 Line Call Out

F712400A9B4E44K5M9

- A9: (1) Nitrogen Leakage: 1.0 ml/hr maximum (0.5 ml/hr typical)
(2) ASTM Fuel A Leakage: 1.0 ml/hr maximum (0.15 ml/hr typical)
M9: 2,500 psi minimum

Style No. 437 Line Call Out

F712400A9B4E34K5M9

- A9: (1) Nitrogen Leakage: 2.0 ml/hr maximum (1.5 ml/hr typical)
(2) ASTM Fuel A Leakage: 1.5 ml/hr maximum (0.30 ml/hr typical)
M9: 2,500 psi minimum

Style No. 445 EPT Line Call Out

F712900A9B4E99K5M9

Fourth (4) Numerals: 9: 60-100%

- A9: (1) Nitrogen Leakage: 2.0 ml/hr maximum (0.9 ml/hr typical)
(2) ASTM Fuel A Leakage: 1.0 ml/hr maximum (0.20 ml/hr typical)

E99: Weight increase Fuel B: 100% maximum
Thickness increase Fuel B: 20-50%

M9: 2,250 psi minimum

Style No. 490C Line Call Out

F712400A9B2E34M9

- A9: (1) Nitrogen Leakage: 0.5 ml/hr maximum (0.1 ml/hr typical)
(2) ASTM Fuel A Leakage: 0.5 ml/hr maximum (0.15 ml/hr typical)

M9: 1400 psi minimum

Style No. 495C Line Call Out

F712200A9B2E22M9

- A9: (1) Nitrogen Leakage: 0.5 ml/hr maximum (0.12 ml/hr typical)
(2) ASTM Fuel A Leakage: 0.5 ml/hr maximum (0.15 ml/hr typical)

M9: 1600 psi minimum

Warranty and Disclaimer

Anchor products are guaranteed for a period of thirty days from the date of original purchase to be free from defects in material and workmanship and to render satisfactory service provided they are used for the purposes and in the manner for which they are designed. The buyer's sole and exclusive remedy under this warranty shall be the replacement without charge, not including installation or other costs, of any Anchor product which, upon inspection, is shown to be defective to Anchor's reasonable satisfaction. Anchor shall under no circumstances be liable for incidental or consequential damages for economic loss or injury to persons or property.

Any claim on account of a defect in the product shall be deemed WAIVED by the buyer unless written notice thereof is given to Anchor within thirty days after discovery thereof.

EXCLUSION OF WARRANTIES: THE WARRANTY DESCRIBED HEREIN SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE.

Oral statements made by Anchor salesmen about the products are not warranties, and shall not be relied upon by the buyer. This warranty constitutes the final, complete and exclusive warranty of Anchor.

Materials used in Anchor products and available sizes are subject to change without notice.

Applications/properties are typical. Your specific application should not be undertaken without evaluation of suitability and independent study.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues.

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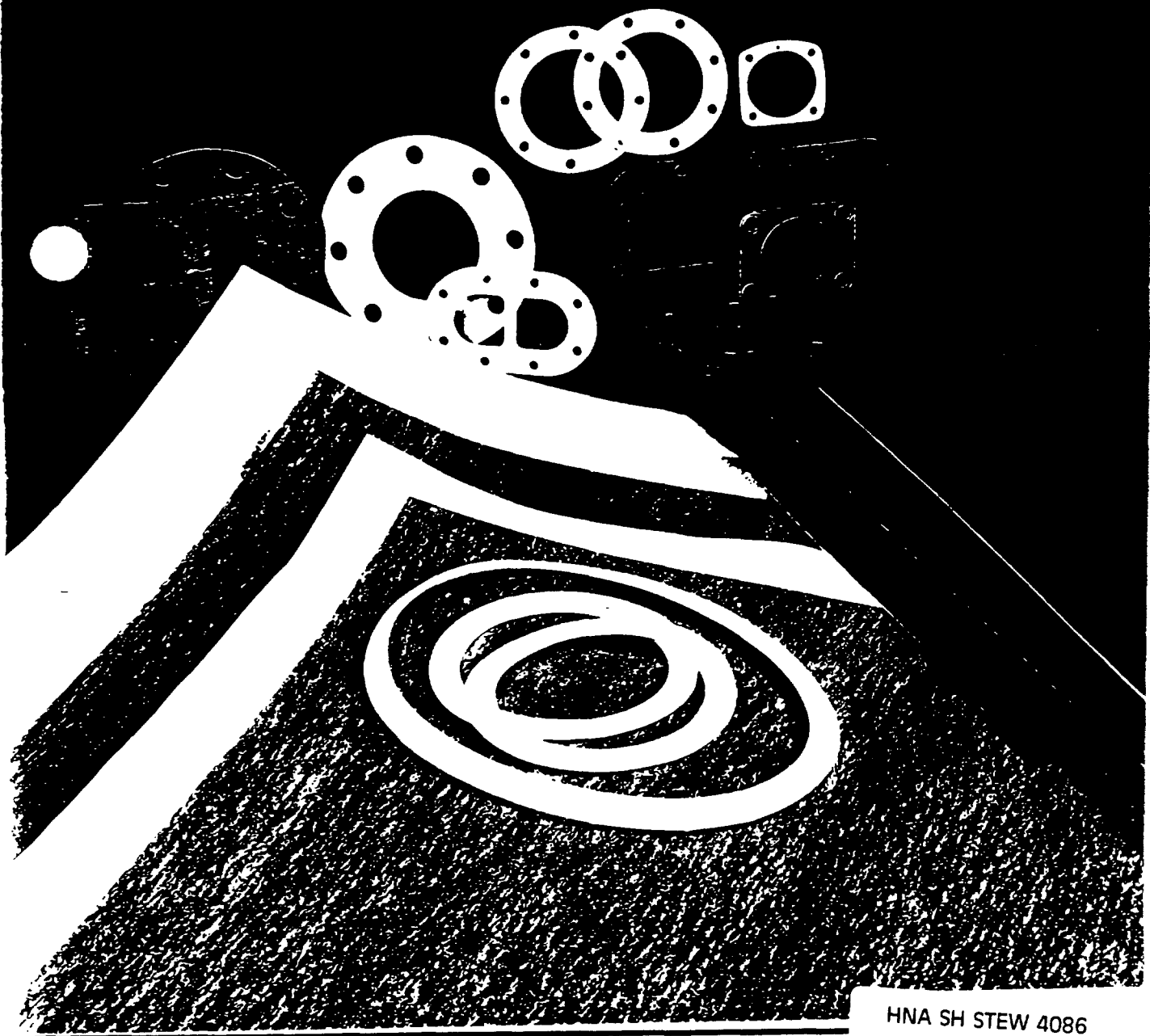
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**Anchor
Packing**

Where doing it right is our tradition

***Premium Grade
Gasketing Materials***



HNA SH STEW 4086

Compressed Non-Asbestos Gasketing

For 80 years The Anchor Packing Company has been one of the industry leaders in the supply of compressed gasketing materials. Anchor Packing has truly been one of the first choices of "you the customer" when nothing but the best gasketing material will do the job.

Our complete line of non-asbestos gasketing materials continues our long history of reliability with a selection to fill all of your gasketing needs.

Sheet Sizes Available— 60" x 60" 60" x 120" 60" x 180" and 180" x 150" (except #437)	
Sheet Thicknesses Available— 1/8", 3/16", 1/4", 5/16", 3/8", and 1/2"	

Style	ASTM F104 Line Call Outs
443A	F712100A084E22K5M8
441/442	F712400A084E44K5M9
437	F712400A084E34K5M9
445EPT	F712900A084E99K5M9

Typical Physical Properties

ASTM Test Method	Description	Styles			
		443-A	441/442	437	445 EPT
F-36	Compressibility: % Range	7-17	7-17	7-17	7-17
F-36	Recovery: Min. %	50	50	50	40
F-37	Sealability: Nitrogen*	1.1	0.50	1.15	0.90
	Sealability: Fuel A**	0.25	0.15	0.30	0.20
F-38	Creep Relaxation: %	22	18.5	18.5	24.8
F-152	Tensile Strength	2200	2700	2700	2500
F-148	Five Hour Immersions				
	ASTM #1 Oil @ 300°F				
	Thickness increase	0-5%	0-10%	0-5%	20-35%
	Max weight increase	8%	20%	15%	—
	ASTM #3 Oil @ 300°F				
	Thickness increase	0-15%	15-30%	15-30%	60-90%
	Max tensile loss	35%	70%	50%	—
	ASTM Fuel A @ 73°F				
	Thickness increase	0-5%	0-15%	0-10%	10-40%
	Max weight increase	8%	25%	20%	—
	ASTM Fuel B @ 73°F				
	Thickness increase	0-10%	5-20%	5-20%	20-50%
	Max weight increase	15%	30%	20%	—
	Density	1.5 g/cc	1.5 g/cc	1.6 g/cc	1.8 g/cc

Temperature	+700°F	+700°F	+700°F	+700°F
Pressure	1000 psi max	1200 psi max	1200 psi max	1200 psi max
P x T Value	350,000 max	350,000 max	350,000 max	350,000 max

*Gasket Load, 3000 psi — Internal Pressure, 30 psi

**Gasket Load, 500 psi — Internal Pressure, 9.8 psi



Gasketing Products

Selection Table

Anchor Style	Basic Composition	Product	Max. Temp.	Hardness, Durometer	Media														Comments	
					Acids		Alkalies		Gases		Oils		Solvents				Steam	Water & Salt Solution		Fluid where Run Contaminant Required
					Mild	Corrosive	Mild	Corrosive	Air & Dry	Bromine, Chlorine	Oxygen	Petroleum	Synthetic, Diesel	Aromatic (Benz, etc.)	Aliphatic (Gas, etc.)	Chlorinated				
443-A	Synthetic Fibre, Nitrile NBR Binder	Compressed Non-Asbestos	+700°F	NA															Good General Purpose	
WICOM 1	Wire inserted Synthetic Fibre, NBR Binder	Compressed Non-Asbestos	+700°F	NA															Higher Pressures	
441-442	Synthetic Fibre, SBR Binder	Compressed Non-Asbestos	+700°F	NA															Superior Sealing	
437	Synthetic Fibre, Neoprene (CR) Binder	Compressed Non-Asbestos	+700°F	NA															Excellent against Refrigerants	
445 EPT	Synthetic Fibre, EPT*** Binder	Compressed Non-Asbestos	+700°F	NA															Excellent against Steam Resistance	
Superheat 490-C	Carbon Fibre, SBR Binder	Compressed Non-Asbestos	+314°F	NA															Excellent high Pressure Steam	
Superheat 495-C	Carbon Fibre, NBR Binder	Compressed Non-Asbestos	+314°F	NA															Excellent high Pressure Steam with Oil	
425	White Asbestos, SBR Binder	Compressed Asbestos	+750°F	NA															Prime General Service	
424	White Asbestos, SBR Binder	Compressed Asbestos	+750°F	NA															Oil Resistant	
450	White Asbestos, Neoprene (CR) Binder	Compressed Asbestos	+750°F	NA															Prime for High Temperatures	
TAURIL 480	White Asbestos, SBR Binder	Compressed Asbestos	+1000°F	NA															High Temperatures	
TARGE 400	White Asbestos, Nitrile (NBR) Binder	Compressed Asbestos	+350°F	NA															General Service against Refrigerants	
WICOM 459	Wire inserted, White Asbestos, SBR Binder	Compressed Asbestos	+1000°F	NA															Heavy Duty Steam	
15	Pure Graphite	Flexible Graphite	See page 4	NA															Very high Temperatures	
2411	Natural Rubber	Homogeneous Rubber	+200°F	35															Softest Gum Rubber	
475	SBR	Homogeneous Rubber	+200°F	80															Prime Rec Rubber	
4612	SBR	Homogeneous Rubber	+200°F	60																
4813	Neoprene (CR)	Homogeneous Rubber	+225°F	80																
4713	Neoprene (CR)	Homogeneous Rubber	+225°F	70																
4613	Neoprene (CR)	Homogeneous Rubber	+225°F	60															Prime Neoprene	
4513	Neoprene (CR)	Homogeneous Rubber	+225°F	50																
4814	Nitrile (NBR)	Homogeneous Rubber	+225°F	80																
4714	Nitrile (NBR)	Homogeneous Rubber	+225°F	70															Prime Nitrile	
4614	Nitrile (NBR)	Homogeneous Rubber	+225°F	60																
4615	VITON***	Homogeneous Rubber	+392°F	75																
4619	EPDM	Homogeneous Rubber	+300°F	50															Excellent Steam Resistance	
4519	EPDM	Homogeneous Rubber	+300°F	50															Excellent Steam Resistance	
421	SBR Rubber, Cotton Cloth	Reinforced Rubber	+250°F	80																
8713	Neoprene (CR) 20-oz hose Duck	Diaphragm	+250°F	70															Heavy Duty Reinforcement	
3613	Neoprene (CR) 13-oz. Nylon	Diaphragm	+250°F	50															Prime General Duty	
407	Cellulose Fibre, Cont. Glue, Glycenne	Vegetable Fibre	+212°F	NA															Soft Resistant Non-water	
402	Cellulose Fibre, Glue, Glycenne	Vegetable Fibre	+212°F	NA															Firm Non-water	

* STYLE 4425 Compressed Asbestos sheet has never been officially approved by any governmental or other independent laboratory for oxygen service. Despite the fact that we have many customers who have used this product for years in oxygen service, we cannot guarantee its fitness for such use.

** Ethylene Propylene Terpolymer

*** Registered trademark of DuPont

NA = Not Applicable

HNA SH STEW 4088



Anchor Packing

Where doing it right is our tradition

Your #1 source for sealing, packing and gasket products here is a partial list of the products we are ready to serve you with:

- Compression Packings
- Sheet Gasketing
- Mechanical Seals
- Expansion Joints
- Hydraulic/Pneumatic Seals
- Oil Seals
- Diaphragm Sheet
- Die Cut, Fabricated and Folded Gaskets
- Hose
- Sealants and Lubricants
- Packing Hooks and Tools

*In plant seminars at your convenience
and tailored to your specific needs.*

Warranty and Disclaimer

Anchor products are guaranteed for a period of thirty days from the date of original purchase to be free from defects in material and workmanship and to render satisfactory service provided they are used for the purposes and in the manner for which they are designed. The buyer's sole and exclusive remedy under this warranty shall be the replacement without charge, not including installation or other costs, of any Anchor product which, upon inspection, is shown to be defective to Anchor's reasonable satisfaction. Anchor shall under no circumstances be liable for incidental or consequential damages for economic loss or injury to persons or property.

Any claim on account of a defect in the product shall be deemed WAIVED by the buyer unless written notice thereof is given to Anchor within thirty days after discovery thereof.

EXCLUSION OF WARRANTIES: THE WARRANTY DESCRIBED HEREIN SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE.

Oral Statements made by Anchor salesmen about the products are not warranties, and shall not be relied upon by the buyer. This warranty constitutes the final, complete and exclusive warranty of Anchor.

Materials used in Anchor products and available sizes are subject to change without notice.

Applications/properties are typical. Your specific application should not be undertaken without evaluation of suitability and independent study.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues.

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Premium* Grade Rubber Gasketing

For those applications that require more than just "commercial grade", the Anchor Packing Company offers a wide range of premium rubber gasketing products to meet most any condition.

*For information on other than premium rubber gasketing, contact your local Anchor sales office.

Reinforced Rubber and Diaphragm Gasketing

Anchor produces a very versatile line of diaphragm material with a balanced weave of long staple cotton duck, thoroughly frictioned and bonded to the various cover stock. For superior flexibility and longer life under sustained pressure and flexing, Anchor also provides nylon inserted sheets.

All styles are specially compounded with various fabrics and rubber combinations to meet specific sets of conditions.

Vegetable Fibre Gasketing

Rugged, durable and economical describes Anchor vegetable fibre sheet gasketing. Anchor Style 402 HYDROIL® material has long been the number one choice throughout industry because of its flexibility, cutability and its extremely long shelf life.

Anchor Style 407 consists of an oil resistant binder combined with vegetable fibre and granulated cork. The results are a strong, flexible sheet which is highly resilient and compressible.

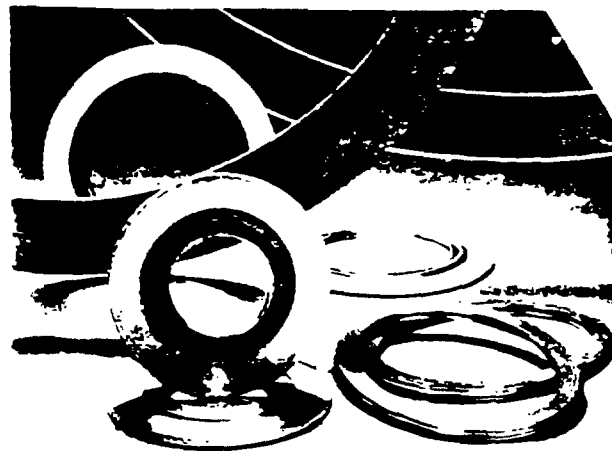
Please refer to Service Selection Chart on page 7 for more detailed information.

HNA SH STEW 4090

ANKOTALLIC[®] Spiral Wound Gaskets

Our spiral wound gaskets offer tight, positive, durable sealing while being resilient under fluctuating system pressure loads. Anchor supplies a full range of standard gaskets from 24" pipe size and 2500 psi pressure. For more information on a full range of standard sizes above 24" contact your local Anchor sales office.

In addition to our vast range of standard ANKOTALLIC gaskets we offer special ANKOTALLIC gaskets for almost any service condition. Gaskets can be ordered in almost any practical combination of pressure/temperature service capabilities from vacuum to 15,000 psi and above, from cryogenic temperatures to 1900°F and higher. Thicknesses of .0625", .125", .175", .250" and .285" are available in any diameter beyond 24" nominal pipe size.



Solid ANKLON[®] (PTFE) Sheets and Gaskets

The superior chemical resistance, durability and non-contaminating features of PTFE materials are found in many different styles of ANKLON gasketing products. The Anchor Packing Company can supply these materials in sheet form and in fabricated gaskets to suit your needs.

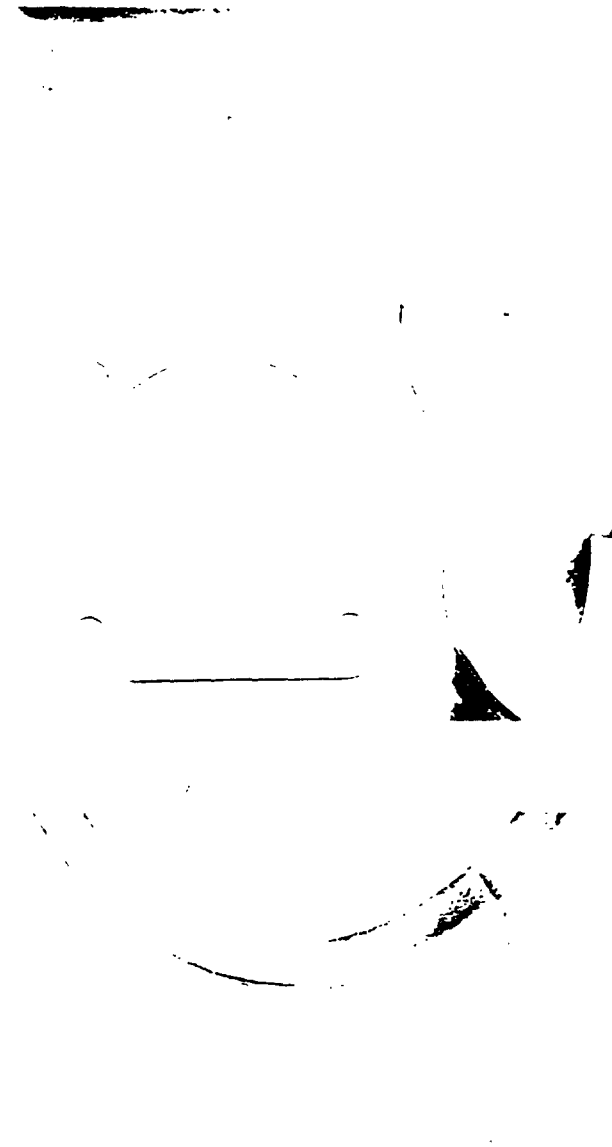
ANKLON gasketing materials are available filled to add dimensional stability, etched to enhance bonding characteristics and can also be made to meet food and pharmaceutical specifications.

ANKLON (PTFE) Envelope Gaskets

The Anchor ANKLON envelope gasket family is fabricated from envelopes of ANKLON filled with other relatively soft gasketing materials. They are designed for use in glass lined equipment and on low alloy flanges where bolt pressures must be light but yet still effect a seal. ANKLON envelope gaskets are available in split, folded and machined configurations. Contact your local Anchor office for special applications and configurations.

Manhole/Handhole Gaskets

Anchor Packing has the capability of supplying boiler handhole and manhole gaskets made from several different materials. Woven gaskets can be supplied with asbestos fibres, as well as newly developed proprietary non-asbestos fibres. In addition, molded EPDM gaskets are also available. Gaskets are available in popular sizes. (Special sizes on request.)



Compressed Non-Asbestos Gasketing

SuperHEAT 490C & 495C

The HIGH TEMPERATURE Non-Asbestos Gasket Material You've Been Waiting For

Utilizing a unique Carbon Fibre/SBR or NBR construction, Anchor engineers have created a non-asbestos gasketing material that is as easy to cut and handle as conventional gasketing, yet is tough enough to handle the severest conditions.

Outstanding Sealability =

- Less Product Loss
- Less Environmental Concerns

Superior Creep Relaxation =

- Less Retorquing
- Less Maintenance Time

Tough Carbon Fibre Construction =

- Flexible
- Strong
- Easy to Handle and Cut
- Less Waste
- Easier to Remove

Superior Heat and Chemical Resistance =

- Fewer Gasket Materials Required
- Reduced Inventory Requirements

ASTM F104 Line Call Outs:	
490C	F712400A9B3E34M9
495C	F712200A9B2E22M9

Temperature	-430°C - 914°F
Pressure	2000 psi max
P x T Value	700,000 max
Fluid Service	Steam, Hot Air, Hot Oil, Water, Inert Gases, Mild Alkalies and Mild Acids

Sheet Sizes Available—

60" x 60" 60" x 120" 60" x 180"

Sheet Thicknesses Available—

.04" .12" .154" .18" .22" and .28"

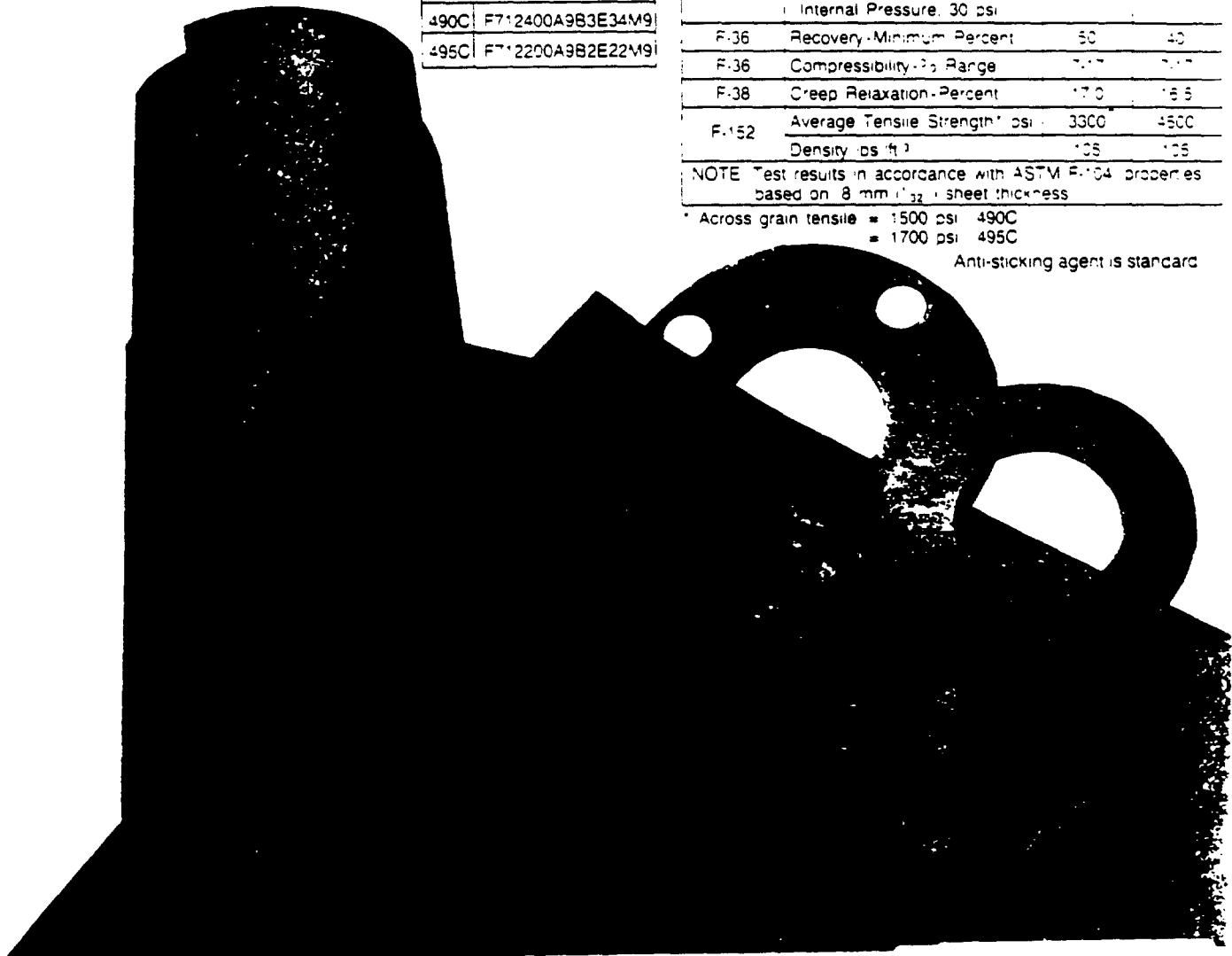
Typical Physical Properties

ASTM Test Method	Description	Superheat 490C	Superheat 495C
F-37	Sealability - Milliliters/Hour Leakage ASTM Fuel A Isooctane: Gasket Load, 500 psi Internal Pressure, 9.8 psi Nitrogen: Gasket Load, 3000 psi Internal Pressure, 30 psi	0.15 0.10	0.15 0.12
F-36	Recovery - Minimum Percent	50	40
F-36	Compressibility - % Range	7.7	7.7
F-38	Creep Relaxation - Percent	17.0	16.5
F-152	Average Tensile Strength* psi	3300	4500
	Density - lbs/ft ³	1.05	1.05

NOTE: Test results in accordance with ASTM F-104 properties based on .08 mm (.0032") sheet thickness.

* Across grain tensile = 1500 psi 490C
= 1700 psi 495C

Anti-sticking agent is standard



HNA SH STEW 4092

Anti-Stick Compressed Asbestos Gasketing

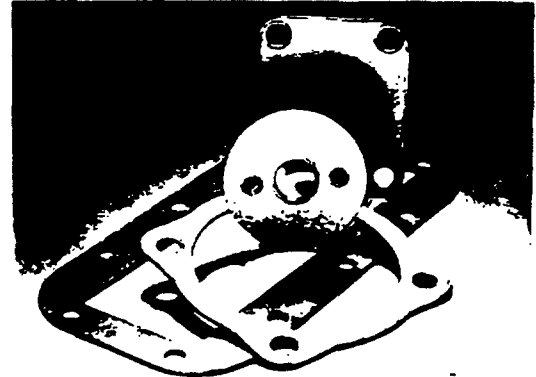
For years Anchor Packing compressed asbestos gasketing materials have set the standard by which many competitive materials have been measured. From Styles 424/425 (MIL HHP 46E) to the "stand alone" TAURIL® 480 gasketing, Anchor Packing has a complete line of compressed materials to meet your needs.

Style	TWICOM® 459	TAURIL® 480	424/425	450	TARGET™ 400
Temperature Rating	1000°F	1000°F	750°F	750°F	935°F
Pressure x Temperature Max	350,000	350,000	350,000	350,000	350,000
Maximum Pressure	3000 psi	1800 psi	1800 psi	1200 psi	1800 psi
Color	Grey Black	Buff	424 - Grey Black 425 - Off White	Grey Black	Grey Black

Graphite Gasketing

Style 15 Flexible Graphite Gasketing. This style is one of the premier gasketing materials available today. In addition to the excellent chemical and heat resistance normally associated with flexible graphite materials, Style 15 has the greatest crush resistance of almost any non-metallic gasketing material. This translates into uses at extreme temperatures and pressures.

Temperature: 932°F in oxidizing media; 1200°F in steam
pH: 0-14
Pressure Max.: 2000 psi
P x T Max.: 700,000



Woven Cloths and Tapes

Anchor offers a complete line of woven glass and ceramic cloths, tapes and ropes. In addition, several specialty styles for that "unique" application which is often so difficult to solve.

Please refer to Service Selection Chart on page 7 for more detailed information.