

NAM 37C Compressed Fiber Gasketing

Material Composition and Application

Made from NBR elastomer with aramid fiber, mineral fiber & inorganic fillers NAM-37C is a premium quality gasket designed for specific use for sealing water treatment equipment and distribution systems required to comply with NSF/ANSI 61: Drinking Water System Components – Health Effects by most governmental agencies that regulate drinking water supplies.

NAM-37C is also suitable for steam, oil, mild alkalis and acids, hydrocarbons and solvents making it an excellent multipurpose gasket.

Available in:

- Thickness 1/64" to 1/4"
- Gaskets - Raised Face, Full Face and Specials
- Color - Green

Peak Temperature	572°F (300°C)
Continuous Temperature	428°F (220°C)
Continuous Temperature with steam	320°F (160°C)
Operating Pressure	1137 PSI (80 Kg / cm ²)
M Value	2.5 (N/mm ²)
Y Value	25 (N/mm ²)

ASTM Line Callout
F104F712122A9B4E12M4

PROPERTIES (Test Specimen Thickness 2.0mm)	TEST METHOD	UNIT	SPECIFIED VALUE
Density	---	gm / cm ³	1.70 - 2.10
Tensile Strength	---		
(a) ACC to ASTM F152 (Across Grain)		N / mm ²	8 Min.
(b) ACC to DIN52910 (Across Grain)		N / mm ²	5 Min.
Compressibility	ASTM F36A	%	5 - 15
Recovery	ASTM F36A	%	> 50
Fluid Absorption			
(a) In ASTM Oil No. 3	ASTM F 146		
INCREASE in Mass		%	< 15
INCREASE in Thickness		%	< 10
(b) In Fuel B	ASTM F 146		
INCREASE in Mass		%	< 10
INCREASE in Thickness		%	< 10
(c) In Water/Antifreeze	ASTM F 146		
INCREASE in Mass		%	< 15
INCREASE in Thickness		%	< 15
Ignition Loss	DIN 52911	%	< 30
Dielectric Strength	ASTM D149	KV/MM	8.3
Surface Area Volume Ratio	NSF/ANSI 61	SQ. IN./L	2.0

The *m* = maintenance factor which provides the additional pre-load needed in the flange fasteners to maintain the compressive load on gasket after internal pressure applied to a joint. The *y* = minimum design seating stress on the contact area of the gasket that is required to provide a seal at an internal pressure of 0.14 bar $Y=W/A1$, where *W* is total fastener force in *N* and *A1* is gasket area in mm².

The information provided on this bulletin was provided by the manufacturer Ferolite Jointings LTD. Since actual conditions of use are beyond our control, the information provided only serves as a guideline. Users must satisfy themselves that the product is suitable for the intended application. We reserve the right to change product design and properties without notice. O.G. Supply is the exclusive distributor in North America for Ferolite's NAM-37C sheet jointing.



Certified to
NSF/ANSI 61

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FLANGE GASKETS PER ANSI B.16.21 NSF-61 Certified ARAMID/NBR (GREEN)					
Nominal Diameter	Gasket Style	1/16" 150-LB	1/16" 300-LB	1/8" 150-LB	1/8" 300-LB
1/2"	Full Face	\$1.30	\$1.39	\$2.61	\$2.79
	Raised Face	\$0.49	\$0.55	\$0.96	\$1.11
3/4"	Full Face	\$1.46	\$1.83	\$2.95	\$3.69
	Raised Face	\$0.60	\$0.73	\$1.23	\$1.45
1"	Full Face	\$1.65	\$1.98	\$3.31	\$3.96
	Raised Face	\$0.75	\$0.83	\$1.52	\$1.66
1-1/4"	Full Face	\$1.84	\$2.19	\$3.71	\$4.39
	Raised Face	\$0.92	\$1.00	\$1.83	\$2.00
1-1/2"	Full Face	\$2.05	\$2.73	\$4.10	\$5.45
	Raised Face	\$1.07	\$1.21	\$2.16	\$2.43
2"	Full Face	\$2.65	\$3.31	\$5.32	\$6.60
	Raised Face	\$1.42	\$1.53	\$2.83	\$3.04
2-1/2"	Full Face	\$3.29	\$4.08	\$6.54	\$8.15
	Raised Face	\$1.80	\$1.92	\$3.59	\$3.83
3"	Full Face	\$3.64	\$4.62	\$7.30	\$9.28
	Raised Face	\$2.11	\$2.36	\$4.23	\$4.72
3-1/2"	Full Face	\$4.73	\$5.20	\$9.48	\$10.41
	Raised Face	\$2.68	\$2.76	\$5.37	\$5.50
4"	Full Face	\$5.13	\$6.00	\$10.29	\$12.02
	Raised Face	\$3.02	\$3.17	\$6.04	\$6.35
6"	Full Face	\$7.08	\$8.82	\$14.15	\$17.67
	Raised Face	\$4.48	\$5.29	\$8.96	\$10.60
8"	Full Face	\$8.68	\$10.67	\$17.38	\$21.37
	Raised Face	\$5.53	\$6.51	\$11.06	\$13.01
10"	Full Face	\$11.74	\$14.28	\$23.49	\$28.59
	Raised Face	\$7.43	\$8.32	\$14.88	\$16.65
12"	Full Face	\$15.13	\$18.21	\$30.29	\$36.45
	Raised Face	\$10.05	\$10.63	\$20.10	\$21.28
14"	Full Face	\$17.85	\$22.34	\$35.75	\$44.74
	Raised Face	\$11.74	\$13.53	\$23.51	\$27.10
16"	Full Face	\$21.78	\$26.34	\$43.61	\$52.72
	Raised Face	\$14.60	\$16.05	\$29.21	\$32.11
18"	Full Face	\$23.95	\$30.98	\$47.92	\$62.04
	Raised Face	\$16.02	\$18.92	\$32.04	\$37.90
20"	Full Face	\$28.36	\$35.26	\$56.77	\$70.57
	Raised Face	\$18.86	\$22.05	\$37.75	\$44.13
24"	Full Face	\$36.04	\$46.60	\$72.16	\$93.28
	Raised Face	\$24.96	\$29.43	\$49.99	\$58.94

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MINIMUM ORDER \$30.00 FOR DISTRIBUTED GOODS / \$50.00 FOR MANUFACTURED GOODS.

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▼ Terms and Conditions of Sale

1. **ACCEPTANCE:** All orders are subject to approval and acceptance by an authorized officer of the Seller. Acceptance of orders, whether oral or written is conditioned upon the Buyer's agreement to ALL the Seller's terms and conditions of sale (the – "Terms"). Acceptance of delivery by Buyer shall constitute Buyer's assent to the Terms. The Terms represent the complete agreement of the parties and no terms and conditions modifying the Terms shall be binding upon Seller unless agreed to in writing by an authorized officer of the Seller. No modification of the terms will be effected by Seller's shipment of goods following receipt of buyers purchase order, shipping request, or similar form containing printed terms and conditions conflicting or inconsistent with the Terms.
2. **PAYMENTS:** Unless otherwise provided, terms of payments are net 30 days. Prices are subject to change without notice, and all goods shall be billed at the prices then in effect at the time of shipment. Seller will notify Buyer of any price increase and Buyer may cancel any undelivered portion of the order by written notice to the Seller provided such written notice is received by Seller not more than ten (10) days after Buyer's receipt of notice of the price increase. Upon such cancellation, Buyer shall have no liability for the canceled portion of the order except as to goods then manufactured or in process, components procured by Seller from outside source, and special tooling and equipment procured for the execution of the order.
3. **CAUTION:** Gasket materials are known to contain fibers and particulates. Avoid creating dust. Breathing this dust may cause lasting lung damage. See Safety Data Sheet (SDS) for hazards identification, Buyer agrees to warn its employees, agents, representatives and customers of these dangers and to ensure that SDS's are made available to these persons. Buyer further agrees that the workplace in which the procured material is cut, installed, removed, handled or otherwise used by the Buyer and its employees, agents, representatives and customers shall fully comply with applicable OSHA and all other governmental laws and regulations and any recommendations of professional bodies such as the American Conference of Governmental and Industrial Hygienist (ACGIH). Buyer shall use its most diligent efforts to assure that its customers advise their employees, agents, representatives and customers of the described warnings for which requirement shall continue for each subsequent customer in the chain of distribution.
4. **LIMITED WARRANTY:** All goods are sold by Seller are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date goods are shipped. Damage due to transit, improper installation, misuse, field alterations, lack of maintenance, improper storage, neglect, accident or any other reason of any description not under the control of the seller is excluded from this limited warranty. Any claim by the buyer with reference to the goods sold herein shall be deemed waived by the Buyer unless submitted to Seller in writing within thirty (30) days from the date the Buyer discovered or should have discovered any claimed breach.
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6. **INDEMNIFICATION:** Buyer shall indemnify, hold harmless and defend Seller from and against all liability and expenses based upon personal injury, property damage or economic loss arising directly or indirectly from Seller's goods or the use or failure therefore as are caused by the negligent act or omission of the Buyer, its employees, agents, representatives and or customers.
7. **SAMPLES:** In the event that the Seller has furnished samples to the Buyer, Seller has no liability connection with these samples and there is no warranty as to these samples. Paragraphs 3 and 6 hereof apply to these samples.
8. **METHOD OF TRANSPORTATION:** Seller will use all reasonable efforts to comply with Buyer's request as to the method of shipment, but Seller reserves the right to use an alternate method of transportation or route of shipment in its discretion. In such cases, the Seller will notify the Buyer of such change as soon as reasonably possible.
9. **DELIVERY OF GOODS:** FOB Shipping Point. Delivery of goods to the carrier shall be deemed delivery of goods to the Buyer and thereupon title of goods and risk of loss or damage shall be the Buyer's. Any claim by the Buyer against the Seller for shortages or damage prior to such delivery must be made within seven (7) days after receipt of shipment and accompanied by the original transportation bill signed by the carrier noting that the carrier received goods from the Seller in the condition claimed.
10. **DELAYS:** Seller shall not be liable for delays in performance or nonperformance of this agreement or for delays in shipment or default in delivery for any cause beyond Seller's reasonable control including but not limited to, government action, shortage of labor, raw material, production or transportation facilities, labor difficulties, fire, flood or another casualty. In the event of any such delay in Seller's performance due in whole or part to any cause beyond Seller's reasonable control. Seller shall have such additional time for performance as may be reasonably necessary under the circumstances. Seller may fill other parts of the order, as it is capable of filling on schedule and in the event Buyer places any other part of the order elsewhere. Seller shall be entitled to fill the unplaced portion. Acceptance by Buyer of any goods shall constitute a waiver by Buyer of any claim for damages on account of any delay in delivery of such goods.
11. **HOLD ON DELIVERY:** Each shipment shall be treated as a separate and independent sale, but if Buyer fails at any time to pay any amount due hereunder or otherwise fails to fulfill the terms and conditions of this or other agreements between the parties. Seller may, without prejudice to other remedies defer further shipments until all defaults of Buyer have been fully cured, recall, countermand, or divert any shipment to buyer and revert title in Seller: or cancel any unshipped balance and terminate this agreement.
12. **TAXES:** Buyer shall pay all federal, state, territorial or municipal sales. Use, or similar taxes and other levies applicable to the goods or the sale or use thereof. All such taxes and charges are payable with the purchase price.
13. **COLLECTION AND SECURITY INTEREST:** Buyer shall make payments without expense to Seller and shall pay all reasonable attorneys' fees and other costs of collection incurred by Seller unless and until the goods are fully paid for. Seller reserves a security interest in the goods to secure the unpaid balance of the selling price and all other obligations of the Buyer to the Seller. Buyer hereby grants Seller a power of attorney to execute and file on behalf of Buyer all necessary financing statements and other similar documents required to perfect the security interest herein granted.
14. **TERMINATION:** This agreement cannot be terminated and goods cannot be returned without Seller's prior written consent.
15. **SUCCESSORS AND ASSIGNS:** This agreement shall bind and ensure to the benefit of the successors and assigns of the parties hereto. This agreement is not assignable or transferable by Buyer in whole or part except upon written consent of Seller.
16. **WAIVER:** Waiver by Seller of any breach of the Terms shall not be construed as a waiver of any other breach and Seller's failure to exercise any right arising from any default hereunder shall not be deemed a waiver of such right which may be exercised at any subsequent time. If any provision of this agreement shall be held invalid, illegal or unenforceable. The balance of the agreement shall remain in full force and effect as if such provision had not been included. The enumeration herein of certain rights does not exclude Seller from asserting other available legal or equitable rights.
17. **JURISDICTION:** This agreement shall be governed and construed in accordance with the laws of the state of Texas. Buyer's order is deemed acceptable at Cibolo, Texas.