





Price Performance Profitability



TW51812-50





HYDRON Membrane Technology Membrane Elements TW-1812

HYDRON Membrane Elements are a reliable alternative for your residential and small system membrane needs. HYDRON Membranes are manufactured in a State-of-the-Art, ISO-9001-2000 certified automatic rolling facility, providing you with a precise and advanced membrane element that not only delivers an attractive cost to benefit ratio, but also gives you a membrane that has consistently of high quality and performance.

HYDRON Membrane Elements can be used in a variety of small size system applications, such as household water purification, laboratory, hydroponics, hospital, and many other applications where a reliable, performance membrane is needed.

TW Membrane Specifications						
Model Part Number		Applied Pressure PSIG (BAR)	Average Permeated Flow GPD (m3/d)	Stable Rejection Rate (%)	Minimum Rejection Rate (%)	
TW-1812	TW-1812-50D	60 (4.1)	50 (0.19)	97.5	96.0	
	TW-1812-75D	60 (4.1)	75 (0.28)	97.5	96.0	
	TW-1812-100D	60 (4.1)	100 (0.38)	95.0	93.0	

MEMBRANE TYPE

Polyamide Composite

TESTING CONDITIONS		
Testing Pressure	60 psi	(0.41Mpa) (4.1 BAR)
Temperature of Testing Solution	75°F	(25°C)
Concentration of Testing Solution (NaCl)	250ppm	
pH Value of Testing Solution	7.5	
Recovery Rate of Single Membrane Element	15°C	
EXTREME OPERATING CONDITIONS		
Max. Working Pressure	300psi	(2.07Mpa) (20.7 BAR)
Max. Feedwater Temperature	113°F	(45°C)
Max. Feedwater SDI	5	
Free Chlorine Concentration of Feedwater	<0.1ppm	
pH Range of Feedwater during Continuous Operation	3~10	
pH Range of Feedwater during Chemical Cleaning	2~12	
Max. Pressure Drop of Single Membrane Element	10psi	(0.07Mpa) (0.7 BAR)
Max. Temperature for Continuous Operation above pH 10	95°F	(35°C)

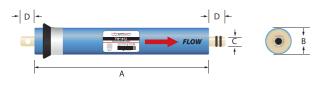
IMPORTANT INFORMATION

Under certain conditions, the presence of free chlorine and other oxidizing agents will cause premature membrane failure. Since oxidation damage is not covered under warranty, HYDRON recommends removing residual free chlorine by pre treatment prior to membrane exposure. Any specific application must be limited within the extreme operating conditions. We strongly recommend you to refer to the latest edition of technology manual and design guide prepared by HYDRON Membrane Technology or consult experts proficient in membrane technology. In case the customer fails to follow the operating conditions.

The permeate flow listed in the table is the average value. The permeate flow of single membrane element is within a tolerance not exceeding $\pm 20\%$ of nominal value.

Discard the RO-filtered water produced during the first one hour after system start-up.

During storage time and run time, it is strictly prohibited to dose any chemical medicament that may be harmful.



TW-1812 A = 11.7" (298.0mm) **B** = 1.75" (44.5mm)

C = 0.67" (17.0mm) **D** = 0.83" (21.0mm)



Your Partners In Growth and Profit









HYDRON BW Membranes BW-4040

HYDRON BW Membrane Elements with their hard shell fiberglass exterior provide outstanding performance for light industrial systems. HYDRON Membranes are manufactured in a State-of-the-Art, ISO-9001-2000 certified automatic rolling facility which provides you with a precise and advanced membrane element. HYDRON Membranes not only deliver an attractive cost to benefit ratio, but also gives you a membrane that has consistently high quality and performance.

Hydron Membrane Elements can be used in a variety of mid sized light industrial applications, such as car wash, bottling, manufacturing, water stores, food processing, and many other applications where a reliable, performance membrane is needed.

BW Membrane Specifications						
Model	del Part Number Applied Pressure PSIG (BAR)		Average Permeated Flow GPD (m3/d)	Stable Rejection Rate (%)	Minimum Rejection Rate (%)	
BW	BW-4040	150 (10.3)	2400 (9.1)	99.0	98.5	

MEMBRANE TYPE Polyamide Compound			EXTREME OPERATION CONDITIONS Max. Working Pressure	600psi	(4.14Mpa) (41.4 BAR)
TESTING CONDITIONS Testing Pressure 150 psi Temperature of Testing Solution 77°F		(1.03Mpa) (10.3 BAR) (25°C)	Max. Feedwater Flow	75gpm 16gpm 6.0gpm	(17 m3/h) (8040-size) (3.6 m3/h) (4040) (1.4 m3/h) (2521 and 2540)
Concentration of Testing Solution (NaCl) pH Value of Testing Solution	1500ppm 7.5		Max. Feedwater Temperature Max. Feedwater SDI	113°F 5	(45°C)
Recovery Rate of Single Membrane Element	15% 8%	(8040, 4040 2540,) (2521, 4021)	Residual chlorine Concentration of Feedwater	<0.1ppm	
			pH Range of Feedwater during Continuous Operation	3~10	
		B	pH Range of Feedwater during Chemical Cleaning	2~12	
			Max. Pressure Drop of Single Membrane Element	15psi	(0.1Mpa) (1.03 BAR) (8040, 4040 and 2540)
A BW-4040 A=40" (1016.0mm) B= 3.9" (99.7mm) C= 0.75" (19.1mm) D= 1.05" (26.7mm)				10psi	(0.07Mpa) (0.69 BAR) (2521 and 4021)

IMPORTANT INFORMATION

Under certain conditions, the presence of free chlorine and other oxidizing agents will cause premature membrane failure. Since oxidation damage is not covered under warranty, HYDRON recommends removing residual free chlorine by pre treatment prior to membrane exposure. Any specific application must be limited within the extreme operating conditions. We strongly recommend you to refer to the latest edition of technology manual and design guide prepared by HYDRON Membrane Technology or consult experts proficient in membrane technology. In case the customer fails to follow the operating conditions as specified in this manual, HYDRON Membrane Technology will assume no liability for all results. The permeate flow listed in the table is the average value. The permeate flow of single membrane element is within a tolerance not exceeding $\pm 20\%$ of nominal value. Discard the RO-filtered water produced during the first one hour after system start-up. During storage time and run time, it is strictly prohibited to dose any chemical medicament that may be harmful.

Terms and Conditions

The products described in this document are hereby offered for sale to be established by Hydrofit Quick Connect Fittings, Polaris Scientific Ultraviolet, Hydron Membranes, Aquatrol, Shok Blok, HydroGuard, Hydronik Water Technology, any of tis subsidiaries and its authorized distributors. This offer and its acceptance by any customer (the "Buyer") sallab governed by all of the following Terms and Conditions. Buyer's order for any item described in this document, when communicated to Hydrofit Quick Connect Fittings, Polaris Scientific Ultraviolet, Hydron Membranes, Aquatrol, Shok Blok, HydroGuard, Hydronik Water Technology, its subsidiaries or an authorized distributor (the "Seller") verbally or in writing, shall constitute acceptance of this offer. Provided, however, that these terms and conditions shall not operate as a rejection of the Buyer's offer unless such offer cortains variances in the description quantity mice or delivery chedule of the times. contains variances in the description, quantity, price, or delivery schedule of the items

1. Terms and Conditions of Sale

1. Terms and Conditions of Sale. All descriptions, quotations, proposals, offers, acknowledgments, acceptances and sales of the Seller's products are subject to and shall be governed exclusively by the terms and conditions stated herein (the "Agreement"). The Buyer's acceptance of any offer to sell is limited to the terms and conditions in the Agreement. Any terms or conditions in addition to or inconsistent with those stated in the Agreement, proposed by the Buyer in any acceptance of an offer by the Seller, are hereby rejected. No such additional, different or inconsistent terms and conditions shall become part of the agreement hereby rejected. No such addition to a servesly accepted in writing by the Seller. The Seller's acceptance of any offer to purchase by the Buyer in is expressly conditioned upon the Buyer's ascent to all the terms and conditions in this Agreement, irrespective of any terms in addition to, or inconsistent tort to all the terms and conditions in this Agreement, irrespective of any terms in addition to, or inconsistent with those contained in the Buyer's acceptance of the Seller's products shall in all events constitute such ascent. constitute such assent.

2. Documents

2. Documents. Unless provided otherwise in the Agreement, all catalog descriptions, illustrations, drawings and literature or independently submitted estimates of performance, weights and measurements or other specifications provided by the Seller are mere approximations and the Seller reserves the right to alter or amend them at any time. The Seller reserves the right to correct clerical or technical errors in the contract documents. The Buyer shall furnish with his order all necessary specifications and information. The Seller takes no responsibility for goods manufactured, priced or delivered not in accordance with the order or the specifications unless the Buyer's order and specifications are clear and correct.

3. Prices

Unless otherwise provided, all prices contained in our quotations and written acceptances are ex-works and do not include the cost of packing. All orders are accepted on the condition that all such prices are subject to revision by the Seller at any time before the goods are dispatched to take account of any price change. In the event that the Buyer does not place the entire order quoted by the Seller for the Buyer modifies the specification or quantity of the goods or the delivery requirements after the order has been accepted by the Seller.

4. Advice.

All advice given in connection with the Seller's goods is provided without charge to the Buyer. ANY ADVICE AND ASSISTANCE GIVEN BY THE SELLER TO THE BUYER IS GIVEN AT THE BUYER'S RISK, AND THE SELLER SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE OR CLAIM ARXING THEREFROM.

5. Payment

(a) Unless otherwise provided in the Agreement, or explicitly agreed upon in writing by the Seller, payment is due in full 30 days from date of shipment of the items purchased herein under. (b) In the case of an installment contract, deliveries or parts, payment for each installment delivery or part shall be made under sub-clause (a) as if the same constituted a separate parse points to result in a summarine the second of the second se be entitled, without prejudice to the Seller's other rights, to terminate the Agreement or any unfulfilled part thereof, or at the Seller's option to make partial deliveries.

6. Modifications and Cancellations.

This Agreement is not subject to oral modification or cancellation. A Buyer's request for modification or cancellation will not be incorporated into the Agreement unless the request is accepted by the Seller in a writing that amends the Agreement. Acceptance of any such requested modification or cancellation shall be at the Seller's discretion and shall be upon such terms and conditions as the Seller may require.

7. Handling Charge.

7. nanoung charge. Goods supplied in accordance with the Buyer's order may later be returned to the Seller at the Seller's discretion provided the return is pre-authorized in writing, and the merchandise is unused, in original packages, unaltered, clean and no older than 60 days from the date of shipment by the Seller. The Buyer will be required to pay to the Seller a handling charge of 25% of the purchase price of the returned goods. A copy of the original invoice for the merchandise must accompany all returns.

8. Delivery.

(a) Any delivery dates guoted are approximate only and the Seller shall have no liability for any delays in delivery. (b) Unless (a) Any delivery dates quoted are approximate only and the setter shart nave no itability for any delays in delivery. (b) Ottess provided otherwise, delivery of the goods shall be made when the Seller has notified the Buyer that the goods are ready for dispatch. Regardless of the method of delivery, delivery shall be made when the Seller has notified the Buyer et has the setter has not been approximate only and the setter shart nave no itability for dispatch. Regardless of the method of delivery, delivery shall be made when the Seller's has notified the Buyer et has the setter's prices are exavords, the Seller is prepared by special contract to procure carriage or freight and insurance on behalf of the Buyer and at Buyer's cost in which event the Seller's shall be under no liability for dramage in transit or loss or damage to the goods beyond the point at which the Seller contracts to deliver the same. (c) The Seller will not make drop shipments.

9. Inspection and Rejection.

ions shall apply in relation to all deliveries of goods: the Seller shall not be held liable for any claims of (a) The following provisions shall apply in relation to all deliveries of goods: the Seller shall not be held liable for any claims of damage in transit, shortage of delivery or loss of goods, unless in the case of shortage of delivery, a separate notice in writing is given to the carrier concerned and to the Seller within three (3) days of the receipt of the goods, followed by a complete claim in writing within five (5) days of receipt of the goods and in the case of sost of goods, a separate notice in writing is given to the carrier concerned and to the Seller and a complete claim in writing made within thrifty (3) days of the date of consignment. The Buyer must inspect the goods on arrival from the carrier; nonever, where goods are accepted from the carrier concerned without being inspected, the delivery book of the carrier concerned must be signed "not carriar". The Seller shall have the super's promises in respect to any such claims made by the Buyer that the Seller does not wish to inspect such goods. Any breach of these conditions in this provision shall serve as a varier to any daim brought by the buyer; (b) Without prejudice to the Seller's notification that the goods are ready for dispatch or to accerned the Seller for any reason to send the Seller forwarding instructions within ninety (90) days after the date of the Seller's notification that the goods are ready for dispatch or to accerned tellevery for dispatch or to accerned tellevery the doods. Any breach event without sense to sore the ocods. Any breach event inglets, should the Buyer fail for any reason to send the Seller forwarding instructions within ninety (90) days after the date of the Seller's notification that the goods are ready for dispatch or to accerned tellevery the qoods. Any breach event withe date and the Seller's notification that the goods are ready for dispatch or to accerned tellevery of the qoods. Any breach ev the goods, the Seller shall be entitled at the Buyer's risk and expense to store the goods and/or to procure or effect storage of the goods elsewhere. Goods so stored shall be paid for as if they had been dispatched and/or accepted.

10. Special Tooling.

Where it is necessary for the Seller to manufacture or to purchase special tooling, including without limitation tools, dies, jigs, mandrills, fixtures, molds, and patterns, in order to execute a contract, the Buyer will be charged with all or a proportion of the cost of such special tools. Such special tooling shall be and remain the Seller's property notwithstanding payment of any charges made by the Buyer. In no event will the Buyer acquire any interest in apparatus belonging to the Seller which is utilized in the manufacture of the items sold hereunder, even if such appartus has been specially converted or adopted for such manufacture and notwithstanding any charges paid by the Buyer therefore. Unless otherwise agreed, the Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

11. Test and Performance.

11. Test and Performance. (a) The Seller's goods are, where practicable, submitted to the Seller's standard test before delivery. If special tests are required, these shall be made at the Seller's premises unless otherwise agreed, and will be subject to an extra charge. (b) The Seller accepts no liability for failure to attain any performance figures quoted by the Seller unless the Seller specifically has guaranteed them with an agreed sum as liquidation damages and the Buyer has suffered actual loss by reason of the failure to attain the figures quoted. (c) Any particulars of weights and measurements, power and consumption, power output or performance relating to the goods and like matters furnished by the Seller to the Buyer in the Seller's catalogs, literature or otherwise, are approximate and are intended only to present a general idea of the goods to be supplied and unless previously agreed specifically in writing shall not form part of the Agreement.

12. Buyer's Property.

Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished to the Seller by the Buyer, or any other items which become the Buyer's property, may be considered obsolete and may be destroyed by the Seller after two (2) consecutive years have elapsed without the Buyer placing an order for the items which are manufactured using such property. The Seller shall not be responsible for any loss or damage to such property while it is in the Seller's possession or control.

13. Taxes

Unless otherwise indicated, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such taxes must be paid by the Seller, or if the Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts for the item sold. The Buyer agrees to pay all such taxes or to reimburse the Seller therefore upon receipt of its invoice.

If the Buyer claims exemption from any sales, use or other tax imposed by any taxing authority, the Buyer shall promptly indemnify and hold the Seller harmless from and against any such tax, as well as any interest or penalties thereon which may be assessed if the items are held to be taxable.

14. Warranty

LEVERIALITY. EXCEPT AS EVERESSLY WARRANTED IN WRITING BY THE SELLER, THE GOODS SOLD BY THE SELLER ARE PURCHASED BY THE BUYER "AS IS." THE SELLER DOES NOT WARRANT THAT THE GOODS ARE OF MERCHANTABLE QUALITY OR THAT THEY CAN BE USED FOR ANY PARTICULAR PURPOSE. EXCEPT AS EXPRESSLY WARRANTED IN WRITING BY THE SELLER, THE SELLER MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND WITH RESPECT TO THE PRODUCTS.

(a) The Seller warrants that the items sold hereunder shall be free from defects in material or workmanship at the time of shipment by the Seller. The Seller warrants that if within 12 months of delivery of the goods to the Buyer the Buyer returns (a) the Select walrance back the events that if within 12 months of delivery of the goods to the Buyer the Buyer returns immediately to the Select. The Select warrants that if within 12 months of delivery of the goods to the Buyer the Buyer returns immediately to the Select. The Select warrants that if within 12 months of delivery of the goods to the Buyer the Buyer returns immediately to the Select. The Select warrants that if within 12 months of delivery of the goods to the Buyer the Buyer returns immediately to the Select. The Select warrants that if within 12 months of delivery of the goods to the Buyer the goods will be uper terms which may be necessary to enable the goods to be identified, together with a complete description of the alleged defect, they will be repaired or new goods will be supplied in exchange and the goods so repaired or such new goods will be delivered to the Buyer free of charge at the Seler's premises provided, however, that the foregoing warranty shall be applicable only if upon demand by the Seller, the Buyer proves to the Seller's satisfaction: (i) that the defect was due solely to defective workmanship; (ii) that no alterations or repairs have been made to the goods except with the Seller's winter consent; (iii) that the defect was not caused by any act of the Buyer or its agents; and (iv) that the defect was not caused by any matter beyond the reasonable control of the Seller, including, without limitation, accident or normal wear and tear. (b) THIS WARRANTY DOES NOT ACCORDANCE WITH PUBLISHED HVDROFT I / PURONIX WATER TECHNOLOGY SPECIFICATIONS. (c) All costs and expenses, including freight charges, customs duties, and insurance incurred in returning the goods to the Seller's premises in accordance with this provision shall be paid by the Buyer. The benefit of this warranty shall not be assignable by the Buyer. (d) THIS WARRANTY DOES NOT TEXTEND TO ANY SECOND-HAND OR RECONDTINED GODDS NOR DOES IT EXTEND TO ANY SECOND-HAND OR RECONDTINED GODDS MOR DOES IT EXTEND TO THE SELLER BUT INSTALLED, ATTACHED OR WELDED BY THE BUYER OR HIS CUSTOMER ON EQUIPMENT NOT MANUATCHURED BY THE SELLER, GOODS NOT AMAUATCHURED BY THE SELLER, CARRY ONLY THE WARRANTY (IF ANY) OF THEIR MAKERS AND THE BUYER IS ENTITLED TO THE BENEFIT THEROF ONLY SO FAR AS THE SELLER HAST THE POWER TO TRANSFERTI. (E) THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER; THE SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO MERCHANTABLITY AND FITNESS FOR PURPOSE, WHETHER EXPRESSED OR IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING, ARE HEREBY DISCLAMBED. (I) NOTIVITISTADUNGTHE POREORION, THERE ARE NO WARRANTIES WHATSOEVER ON ITEMS BUILT OR ACQUIRED WHOLLY OR PARTIALLY TO THE BUYER'S DESIGNS OR SPECIFICATIONS.

15. Limited Remedy

13. Limited Kemedy. The Seller's LIABILITY ARISING FROM OR IN ANY WAY CONNECTED WITH THE ITEMS SOLD OR THIS AGREEMENT SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF THE ITEMS SOLD. IN NO EVENT SHALL THE SELLER BE LIABLE TO THE BUYER OR ANY THIRD PARTY FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND OR NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS ARISING FROM OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR ANY ITEMS SOLD, WHETHER ALLEGED TO ARISE FROM BREACH OF CONTRACT, EXPRESS OR IMPLIED WARRANTY, OR IN TORK, INCLUDING WITHOUT LIMITED TO LOST PROFITS ARISING FROM OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR ANY ITEMS SOLD, WHETHER ALLEGED TO ARISE FROM BREACH OF CONTRACT, EXPRESS OR IMPLIED WARRANTY, OR IN TORK, INCLUDING WITHOUT LIMITED TO LOST PROFITS AND MARK OR STRICT LIABILITY. IN NO EVENT SHALL THE SELLER BE LIABLE TO THE BUYER OR ANY OTHER INITY FOR MORE THAN THE INVOICE PRICE RECEIVED BY THE SELLER FOR ANY MON-CONFORMING BODINGTS. THE SELLER FOR AND THE LING THE PRICE AND RECEIVED BY THE SELLER FOR ANY MON-CONFORMING BODINGTS. THE SELLER FOR AND THE INVOICE PRICE RECEIVED BY THE SELLER FOR ANY MON-CONFORMING HER DRIVER OR ANY OTHER INITY FOR MORE THAN THE INVOICE PRICE RECEIVED BY THE SELLER FOR ANY MON-CONFORMING HER DRIVER OR ANY OTHER INTO THE LING THE DRIVE AND THE DRIVEN FOR DEPENDANT INVERTION REQUERED. THE BUYER OR ANY OTHER ENTTY FOR MORE THAN THE INVOICE PRICE RECEIVED BY THE SELLER FOR ANY MON-CONFORMING PRODUCTS. THE SELLER SHALL NOT BE LABLE TO THE BUYER OR ANY OTHER ENTTY FOR PERSONAL. NUMPY, PROPERTY DAMAGE, OR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, SPECIAL, OR OTHER DAMAGES OF ANY KIND, INCLUDING WITHOUT LIMITATION THE COST OF PROCUENMENT OF SUBSTITUTE GOODS, THE LOSS OF PRODIST, PRODUCTS, OR PRODUCTS. THE SELLER SHALL NOT BE LABLE TO THE BUYER OR ANY OTHER ENTTY ON BE LIABLE TO THE BUYER OR PRODUCT ON, OR THE INTERNUTTION OF BUSINESS, HOWEVER CAUSED. THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR ANY OTHER ENTITY ON ANY THEORY OF LIABLITY INCLUDING WITHOUT LIMITATION BREACH OF CONTRACT OR EXPRESS OR MPILED WARRANTY. TORT, NEGLEGNEC, FAILURE TO WARD, OR STRICT LIABLITY, AND WHETHER OR NOT THE SELLER HAL AS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE ESSENTIAL PURPOSE OF THIS PROVISION IS TO LIMIT THE LIABLITY OF THE SELLER ARISING OUT OF THE SALE OF PRODUCTS TO THE BUYER WHETHER FOR BREACH OF CONTRACT, NEGLIGENCE, OR ANY OTHER THEORY OF LIABLITY. INCLUDING WHETHENG OR BREACH OF CONTRACT, NEGLIGENCE, OR ANY OTHER THEORY OF LIABLITY. THESE LIMITATIONS SHALL APPLY NOITITYFISTADING ANY FALLURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY AND NOTWITHSTANDING THE PROVISIONS OF ANY OTHER AGREEMENT BETWEEN THE SELLER AND THE BUYER. THE BUYER

THE BUYER. 16. Indemnity for infringement of Intellectual Property Rights. (a) The Buyer shall defend and indemnify the Seller against all actions, claims, demands, penalties and costs by third parties in tort, or for infringement, or alleged infringement, of patents, trademarks, copyrights, trade dress, trade secret or other rights of any third party resulting from the goods manufactured in accordance with the Buyer's specifications or based on any information provided by the Buyer. The Buyer will defend any action against the Seller for title, patent, trademarks, copyrights, trade dress, and trade secrets ("Intellectual Property Rights"). The Seller shall have no liability the cost of any settlement or damages awarded in an action brought against the Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights"). The Seller shall base no liability allegations or actions, including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringement to negotiations for a settlement or compromise. If an item sold hereunder is subject to a claim that it is negates the Intellectual Property Rights of a trid party, the Seller solil good for accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, in this provision hall constitute the Seller's sole and exclusive liability and the Buyer's sole and exclusive remedy for infringement based blivered to items delivered hereunder for which the designs are specified in combination or use in a system of any item sold hereunder. The foregoing in this provision hall constitute the Seller's sole and exclusive liability and the Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights. of Intellectual Property Rights.

17. Lien.

In addition to any right of lien to which the Seller may by law be entitled, the Seller shall have a general lien on all goods of the Buyer in the Seller's possession (although such goods or some of them may have been paid for) for the unpaid price of any other goods sold and delivered to the Buyer by the Seller under the same or other contracts.

The Seller's rights shall not be affected or restricted by any indulgence or forbearance granted to the Buyer. No waiver by the Seller of any breach shall operate as a waiver of any later breach.

19. Force Majeure

19. Force Majeure. The Seller shall be excused from performing any of its obligations under this Agreement which are prevented or delayed by any occurrence not within the reasonable control of the Seller, including but not limited to, accidents, acts of God, destruction or damage to the goods or the Seller's manufacturing plant, delays or failures in delivery of carriers or supplices, shortages of materials, strikes or other labor matters, floods, earthquakes, fire, itots, explosions, or any regulations, rules, ordinances or orders of any governmental authority, federal, state or local, whether such cause exists at the date of the order or not.

20. Buyer's Representation of Solvency. The Buyer hereby represents that as of the signing of this Agreement it was not insolvent within the meaning of the Uniform Commercial Code or any Bankruptcy Laws.

21. Assignment and Delegation.

The rights and obligations of the parties under this Agreement may not be assigned or delegated, except on the express written consent of the other party to the assignment or delegation.

22. Integration

The rights and obligations of the parties and the terms and conditions set forth herein, together with any amendments, modifications and any different terms and conditions expressly accepted by the Seller in writing, shall constitute a complete and exclusive statement of the terms of this Agreement. This Agreement superseds not only all prior agreements, but also oral agreements made contemporaneously with the execution of this Agreement. All such materials may not be used to supplement, explain, or contradict the terms of this Agreement.

23. Severability.

If any of these conditions or any part thereof purports to exclude or restrict or limit any liability and such exclusion or restriction In any other transferred work of any part of the paper of the part of the part

24. Governing Law/Limitation on Actions.

2-> coverining Law(Littitation) on Accord. The terms, conditions, rights, and obligations under this Agreement shall be construed under the laws of the State of California, without regard to principles of conflicts of laws. No actions arising out of the sale of the items sold hereunder or this Agreement may be brought by the Buyer more than two (2) years after such cause of action accrues.

Notes	

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MEMBRANE TECHNOLOGY

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