

## Plate Heat Exchanger Gaskets

### Gaskets

**We supply a wide range of replacement gaskets equal to those made by manufactures of plate heat exchangers.**

Gaskets supplied are produced to the ISO9002 quality standard in a range of rubber materials including NBR, EPDM, HNBR, Hypalon®, CR, Butyl and Viton® to suit a wide variety of processes. They meet, or even exceed, the levels of performance you would expect from top-of-the-line gaskets offered by manufactures of plate heat exchangers.

### Rubber Materials

**Gaskets are developed and produced by supplier specifications and rubber formulations. Our supplier works with the world's leading suppliers of rubber chemicals to assure the highest and most consistent quality.**

They have decades of experience and knowledge in rubber processing, compounding and end properties, all necessary for making high quality gaskets at competitive pricing.

### Rubber Gaskets

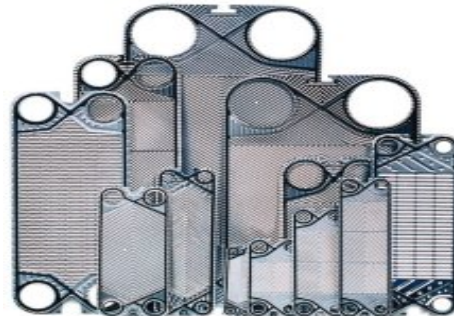
- EPDM ,Butyl ,Nitrile, Hydrogenated Nitrile, Viton®, Hypalon® ,Neoprene

® Viton and Hypalon are registered trademarks of DuPont Dow Elastomers.

**To satisfy the needs of our customers, we are able to offer replacement gaskets to suit more than 100 Plate Heat Exchanger types in use today including:**

- |              |           |
|--------------|-----------|
| - Alfa Laval | - Reheat  |
| - APV        | - Swep    |
| - GEA        | - Sondex  |
| - Hisaka     | - Tranter |
| - Vicarb     | - Others  |

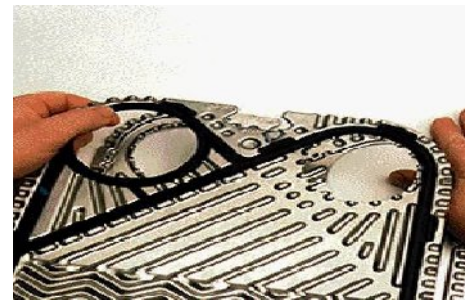
### Heat Exchanger with Different types of Gasket



*Different type of Heat Exchanger plate*



*Heat Exchanger plate with Gasket clip on OR glue on*



*Heat Exchanger plate with Gasket clip on OR glue on*



*Outlook of Plate Heat Exchanger*

## **Features of The PHE**

### **High Performance :**

The total heat transfer co-efficient of a PHE is 2,000-6,000 Kcal/m<sup>2</sup>/hrC. The value is 3 to 10 times higher than the traditional shell and tube heat exchanger.

### **High Economic Tendency:**

The PHE can maximise energy transfer efficiently from the unique combination of high turbulence and thin plate technology for any given unit size. Maintenance costs are also reduced due to its compact size.

### **Variety of Options:**

The PHE has been developed to allow many types of plates and gaskets for a large number of applications. Changing the number of plates or configuration of the plate pack allows for a change in duty requirements in the shortest possible time. Maintenance is also greatly simplified, should re-gasketing or the cleaning of the plate surfaces be required.

### **Excellent versatility :**

The PHE can carry out many kinds of processes from ice making, cooling, heating and condensing or evaporation, with one set of suitable plates.

## **Typical Applications:**

### **Chemical Industry**

Cooling of Soda, Pigments, Fertilisers, Refined Oils, Oil and Fat, Medicines, Acids, kerosene, Soft Water, Brine, Hexane, Polymerisation Process, Heating, Evaporation and Condensing of Process Operations.

### **Steel & Mechanical Industry**

Cooling of Mould, Furnace, Coking Plant, Casting Facilities, Ammonia Water, electrolysis Gilt, Compressor Oil, Press Oil, Emulsion, Grinding Fluid, Furnace, Mechanical Apparatus, Engines, and Waste Heat Recovery.

### **Textile Industry**

Cooling of Cleaning Water for Spinning and Weaving, NaOH Liquid, and Dyeing Water. Recovering of Waste Heats.

### **Automotive Industry**

Spray Booth Cooling of Heat Treatment Liquids, Cutting Liquids, Coating, and Spray Booth Paint and Heating of Pretreatment Liquid.

### **Other Applications**

Heat Transfer and Waste Heat Recovery of Electric, Electronic, Semiconductor, Factories, Power Stations, Seawater, Heating or cooling of buildings.

## Quick Reference Table of Different PHE Manufacturer Model

### ALFA LAVAL

A 10	AM 10	M 3	PO1
A 10B	AM 20	M 6	P 13
A 15	AM 20B	M 6M	P 14
A 15B-LP	AX 30	M 10B	P15
A 15B-HP	CLIP 6	M 10M	P 22
A15BW	CLIP 8	M 15B	P 25
A 20	CLIP 10	M 15M	P 26
A 20B	H 7	M 20M	P 252
A 35	H 10	M20MW	P 31
AK 20		M 30	P 32
		MX 25	P 36
			P 45

### APV

AO 55	R 10	TR 1 CLIP
AO 85 CLIP	R 106	TR 9 GN
M 60	R 145	WHX
M 92	SR 1	LR 4
M 107	SR 2	D 37
M 185	SR 2 CLIP	
N 35	SR 23 VO	
N 35 DUO	SR 3 CLIP	
N 35 CLIP	SR 3	
N 40 CLIP	SR 6 GH	
N 50	SR 6 GL	
P 105	SR 6 GL CLIP	
R 145	SR 6 AG	
R 4/405	SR 6 AG CLIP	
R 5 CLIP	SR 6 AA	
R 5/R50	SR 6 AA CLIP	
R 6	SR 9	
R 8/Q1	SR 14	

FISHER / STORK / DHP PAASCH & SILKEBORG	GEA Alborne Products	TRANTER AND HISAKA
<b>FISHER</b>	VT 10	S3
E 8	VT 20	UX 01
E 18	VT 20 CLIP	UX 06T
E 28 CLIP	VT 40	UX 10
E 32	VT 40 CLIP	UX 20
E 40	VT 80	UX 40
E 40 CLIP	VT 80 CLIP	UX 80
E 61		UX 06T
E 82 PR		
E 82		
SOME TRANTER MODELS HAVE GASKETS THAT ARE INTERCHANGEABLE WITH SWEP AND REHEAT PLATES. HISAKA USE THE ABOVE GASKETS AND PLATES IN THEIR HEAT EXCHANGERS.		

APV PASILAC	SONDEX	Vicarb Products
H 12	S 15	V 4
H 17	S 20	V13
K 34	S 30	V 13 CLIP
K 55	S 38 CLIP	V 20
K 71	S 38	V 20 CLIP
K71	S 65	V 28
M107		V 28 CLIP
M60		V 45
M92		V 45 CLIP
N35		V 55
N50		V 60
P105		V 60 CLIP
P190		V 85
		V 100
		V 100 CLIP
		V 120
		V 130
		V 180

SWEP- REHEAT- TRANTER	SWEP- REHEAT- TRANTER	Schmidt / Brettton Products
PLEASE NOTE VARIATIONS	REHEAT OLD ---- SWEP NEW	
SWEP OLD - SWEP NEW	OLD ----- NEW	SIGMA 17
OLD --- NEW	UFX 12 --- GX 12	SIGMA 22
G 30 --- GC 30	UFX 18 --- GX 18	SIGMA 27
G 48 --- GC 48	UFX 26 --- GX 26	SIGMA 30
G 50 --- GC 50	UFX 42 --- GX 42	SIGMA 32
G 55 --- GC 55	UFX 51 --- GX 51	SIGMA 37
G 65 --- GC 65	UFX 85 --- GX 85	SIGMA 64
G 66 --- GC 66	UFX 91 --- GX 91	SIGMA 85
G 75 --- GC 75	UFX 100 - GX 100	SIGMA 114
G 78 --- GC 78	UFX 180 - GX 180	
G 85 --- GC 85	UFX 205 - GX 205	
G 95 --- GC 95	HX 25 --- HX 25	
	HX 42 --- HX 42	
TRANTER ----- SWEP NEW	SOME OF THE OLD SWEP MODEL HAVE DIFFERENT CROSS REFERENCE NUMBERS PLEASE ALWAYS SUPPLY FULL IDENTIFICATION.	
UX 01 -- GF 59		
UX 06T- GF 257		
UX 10 -- UX 10		
UX 20 -- GF 138		
UX 40 -- GF 276		
UX 80 -- UX 80		

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# Yanfa

**PT. YANFA PUTRA ALAM**

Separation and Plate Heat Exchanger Specialist

To receive a quotation of gasket, please submit the information below. If you need more assistance, please contact us.

Company Name : \_\_\_\_\_  
Your Name : \_\_\_\_\_  
Address : \_\_\_\_\_  
Country : \_\_\_\_\_  
Telephone : \_\_\_\_\_  
Fax : \_\_\_\_\_  
Email : \_\_\_\_\_

Brand	Gasket Material
<input type="checkbox"/> Alfa Laval	<input type="checkbox"/> Nitrile
<input type="checkbox"/> APV	<input type="checkbox"/> EPDM
<input type="checkbox"/> Vicarb	<input type="checkbox"/> Viton
<input type="checkbox"/> Swep / Tranter	<input type="checkbox"/> HNBR
<input type="checkbox"/> GEA	<input type="checkbox"/> Others _____
<input type="checkbox"/> Others _____	
<b>PHE Model Type</b>	
_____	
Gasket Type	Quantity of Gasket
<input type="checkbox"/> Glue on	<input type="checkbox"/> Flow/channel gasket
<input type="checkbox"/> Clip On	<input type="checkbox"/> End gaskets

## Useful information of Plate Heat Exchanger (PHE)

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