

-   
Spares
-   
Accessories
-   
Pipe Fittings
-   
Re-Glass Lining

**PATENTED**

## GLASS COATING TECHNOLOGY & it's PROCESS



**HSV ADITYA**  
GLASS LINE PVT. LTD.

**HSV ADITYA GLASS LINE PVT. LTD.**  
firmly known as **ADITYA GLASS LINE**

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📍 Plot No.A2-439/1, Road No. B-18, Phase IV, GIDC Vitthal Udyognagar,  
Anand-388120 Gujarat, India.

Established in the year 2015, the inception of Aditya Glass line was founded on the pillars of innovative glass lined technology. Having own patented glass line technology and processes, Aditya Glass surged into global markets and established its name as "HSV Aditya Glass Line Pvt Ltd".

HSV Aditya Glass Line Pvt Ltd takes pride on its commitment to give superior quality products at the most competitive price with prompt delivery. HSV Aditya Glass Line Pvt Ltd pursues impeccable quality by upholding its uncompromising quality control process vetted by its in-house team of highly experienced professionals.

Accommodating a decade of experience along with highly innovative and customer-centric professionals team enable us to render value in terms of service, cost, speed and quality to some of the chemical pharmaceuticals, dye, agriculture, polymers and food industries globally.

HSV Aditya Glass Line Pvt Ltd manufactures Glass lined agitators, baffles, columns, condensers, pipes & pipe fittings, tanks, and other spares of glass lined reactor as per standards as well as customized on high quality enameled steel.

## VISION

HSV Aditya Glass Line Pvt Ltd committed to deliver its expertise in manufacturing finest quality glass lined products to satisfy the customers' demands and ensure prompt delivery schedule.

HSV Aditya Glass line Pvt. Ltd. Provides tailored designs to meet the specific technical requirements of their customers along with their own existing equipment spares to secure maximum functional output. Customer centricity is the core of HSV Aditya Glass line Pvt Ltd and on this belief that has led the business to build long-term relationships.

HSV Aditya Glass Line Pvt Ltd strives to be a comprehensive solution provider to all your glass lining needs.



## Directors' Desk

Our Director Mr. Hardik S. Patel is in the field of glass lining for more than 17 years. He has worked in the top most companies in the field of glass lining and made a successful endeavor to start his own venture. He is expert in the glass lined technology backed by highly intelligent and committed techno commercial staff. The young entrepreneur Mr. Hardik Patel oversees very bright future of glass lining in India. Indian economy is continuous growing so we also grow chemicals & pharmaceuticals business which backbone for the growth of glass lining business.

HSV Aditya Glass line Pvt. Ltd. Is entirely committed to its topnotch manufacturing process along with timely deliver of finest quality products to all its customers. We strongly believes and ensuring customer satisfaction before, during and after the process.

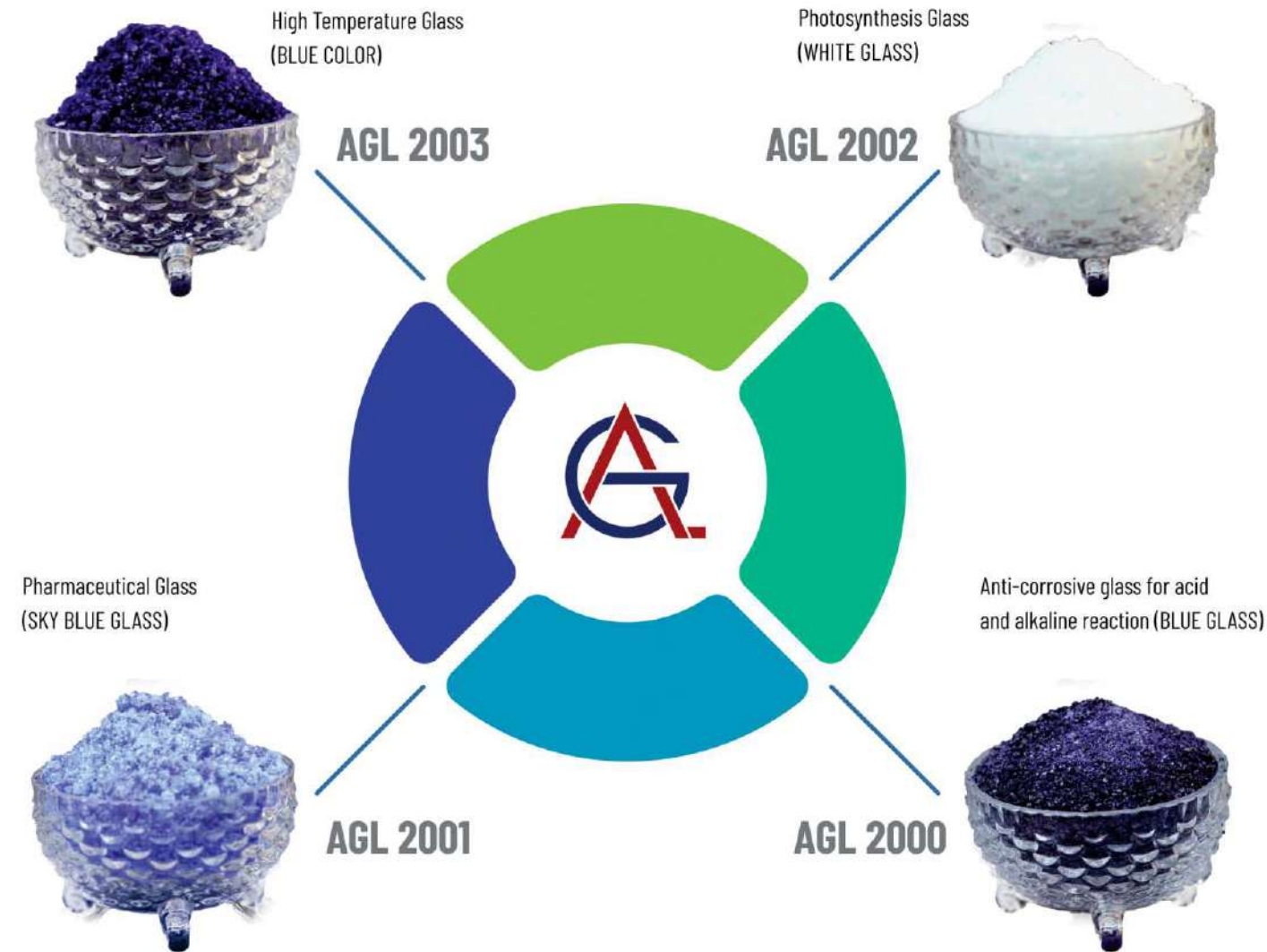
The company has maintained its tradition by adhering to the quality norms with timely execution and has placed itself as a synonym of excellence in field of Glass Lining by reaching highest glory and fame.

To meet the growing demands of the industry for interchangeable spares and accessories, Aditya Glass Line Pvt Ltd has increased its manufacturing process.



## TECHNOLOGY

HSV Aditya Glass Line Pvt Ltd U.S.P is Unique **"PATENTED GLASS COATING TECHNOLOGY & It's PROCESS"** Worldwide  
 HSV Aditya Glass Line Pvt Ltd' manufacture an assortment of "Glasses"



Variety of glass lined products are manufacture for Evaporation, Distillation, Extraction, Halogenations, (Chlorination, Bromination), Nitration, Condensation, Sulphonation, Oxidation, Reduction, Ammonolysis, Diazotation, Esterification, Hydrolysis, Alkylation, Acetylation, Methylation, Grignard reaction, Friedel-Craft reactions, Polymerization, Crystallization, Cryogenic reactions, Pressure reaction, Suspension, Dispersion, Transport of liquids to gases and for many other chemical reaction for **Chemicals, Pharmaceuticals, Polymers, Agricultures, Dyes and Food Industries.**

**AGL 2000 :** Anti-corrosive glass use in acid and alkaline reaction **(BLUE GLASS)**

**AGL 2001 :** Pharma glass use in Pharmaceutical Industries. Provide non sticky property for cost effective production **(SKY BLUE GLASS)**

**AGL 2002 :** Photosynthesis glass for photochromic reaction **(WHITE GLASS)**

**AGL 2003 :** High temperature glass use in High temperature application (up to 330°C) **(Dark Blue Glass)**

## PRODUCTS RANGE

TYPE OF GLASS LINE ITEMS		CAPACITY & RANGE
AGITATOR	For CE GLR	500 ltr to 25 KL ( IMP, IPBA, PBA, IMP/2PBA, 2/IMP, 2/PBA ) ( Standard & Customized )
	For AE GLR	500 ltr to 10 KL ( ANC, Semi ANC ) ( Standard & Customized )
BAFFLE / THERMOWELL		500 ltr to 25 KL for AE & CE type GLR ( Standard & Customized )
COLUMN / PIPE		25 to 800 NB (Standard & Flanged Type ) ( Jacketed & Non Jacketed )
BEND ( 90 & 45 DEG. )		25 to 400 NB
TEE ( EQUAL & UN-EQUAL )		25 to 400 NB ( Standard & Customized )
DISTANCE PIECE		Customized
REDUCER ( CONCENTRIC, ECCENTRIC )		25 to 400 NB ( Standard & Customized )
REDUCING FLANGE		40 to 400 NB
PAD PLATE		40, 50, 60, 80, 100, 125, 140, 150, 160 Ø
PROTECTION RING		350 X 450, 500, 600
HAND HOLE COVER		100, 150, 250
MAN HOLE COVER		350 x 450, 400, 500, 600 ( Customized )
ATTACHMENT SET ( MAN HOLE COVER & PROTECTION RING )		350 x 450, 400, 500 ( Customized )
CENTER OPENING COVER		1.6 to 25 KL for CE type GLR
FLUSH BOTTOM OUTLET VALVE		80 x 50, 100 x 80 & 150 x 100
FILM WIPE EVAPORATED		Customized Design
CONDENSOR		Customized Design
RECEIVER TANK		20 to 250 Ltr
BOTTOM PAN		100 to 250 Ltr
CUSTOMIZED DESIGN ITEMS		Column Doam, Multi Connection Column, Agitators & Baffle
RE GLASS LINING ITEMS		Agitators, Baffles & Covers



## AGITATORS

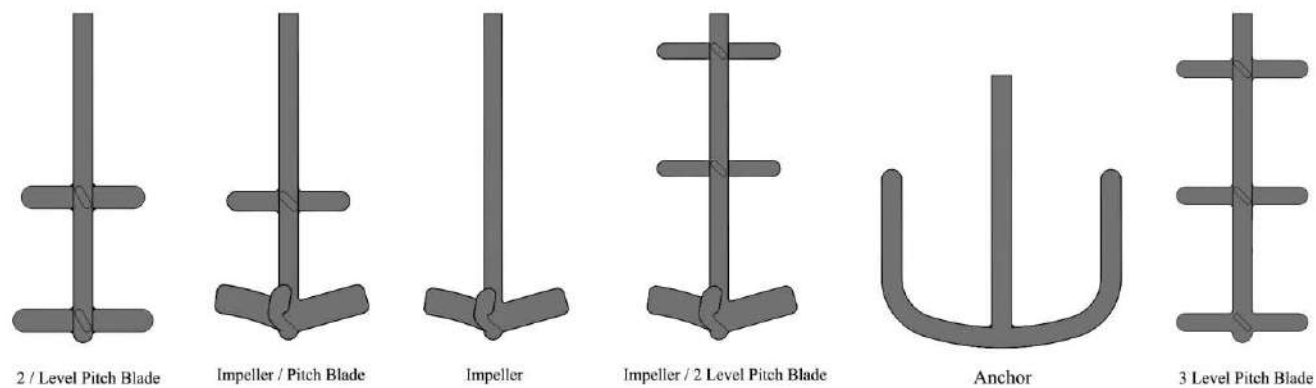
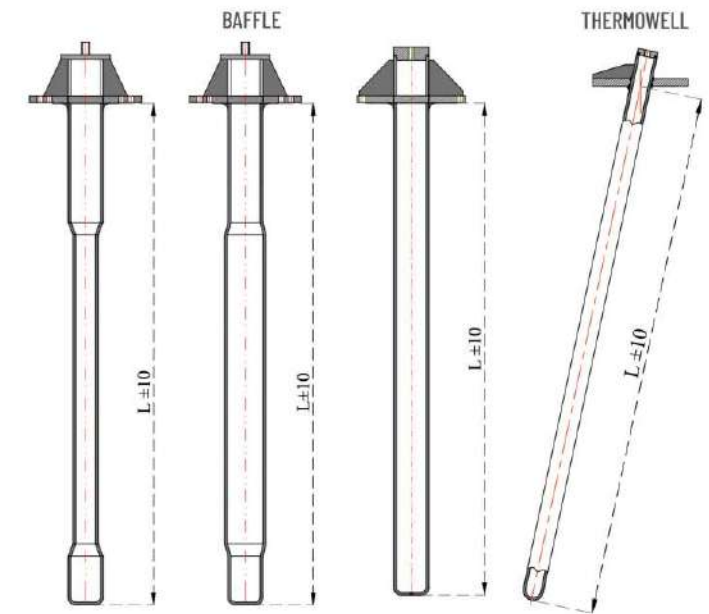
Impeller	
Impeller / Pitch Blade	500 to 25,000 Ltr
2 Level Pitch Blade	
Imp/ 2 Level Pitch Blade	12,500 to 25,000 ltr
3 Level Pitch Blade	
Anchor	500 to 8,000 Ltr
Semi Anchor	4,000 & 12,500 Ltr

Manufacturing As per standard & Customized

## BAFFLES / THERMOWELLS

Top Entry Baffle	500 to 25,000 Ltr
Streight Thermowel	500 to 12,500 Ltr

Manufacturing As per standard & Customized



2 / Level Pitch Blade

Impeller / Pitch Blade

Impeller

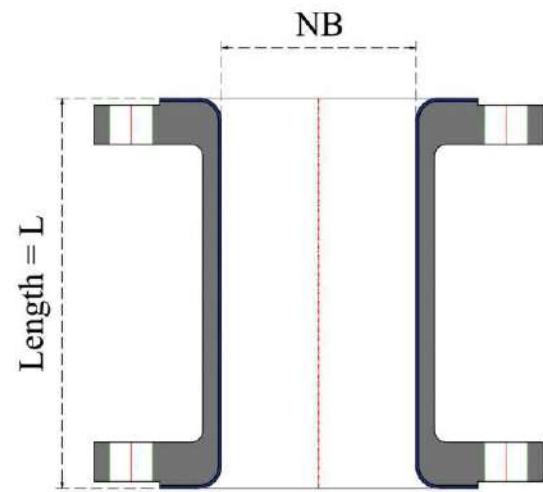
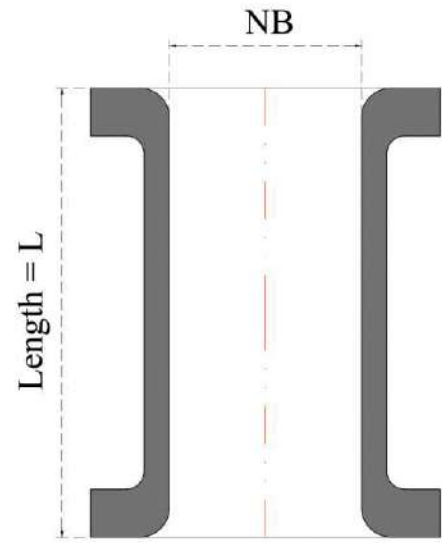
Impeller / 2 Level Pitch Blade

Anchor

3 Level Pitch Blade

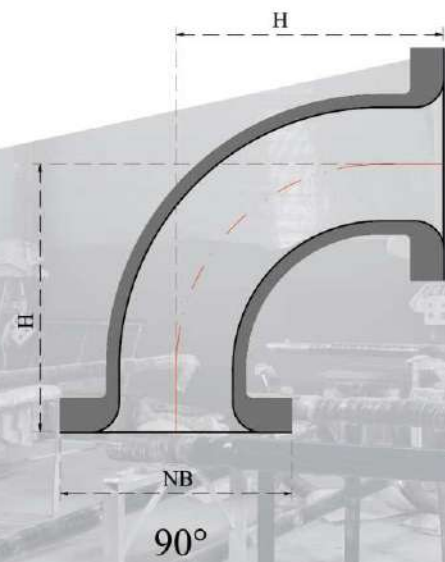
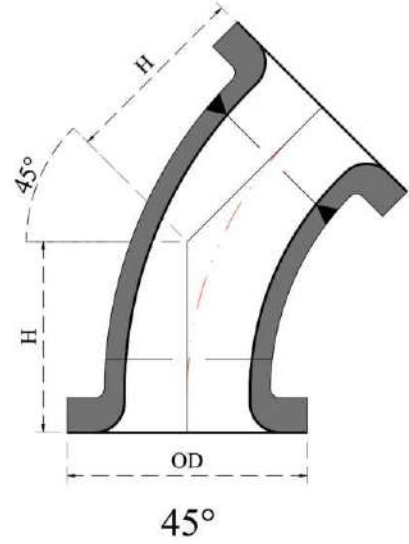
## COLUMNS / PIPES

NOMINAL DIAMETER DN (NB)		MAX. LENGTH (L)
MM	INCH	MM
25	1"	300
40	1½"	300
50	2"	500
80	3"	800
100	4"	1000
150	6"	1000
200	8"	1000
250	10"	1200
300	12"	1200
350	14"	1200
400	16"	1200
450	18"	1200
500	20"	1200
600	24"	1200
700	28"	1200
800	32"	1200



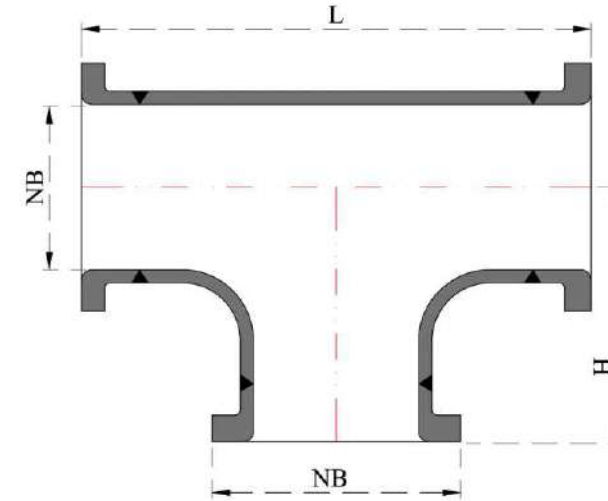
## ELBOW (BEND)

NOMINAL DIAMETER DN (NB)		90°	45°
MM	INCH	H	H
25	1"	90	60
40	1½"	105	70
50	2"	115	80
80	3"	135	95
100	4"	155	105
150	6"	195	150
200	8"	260	180
250	10"	315	220
300	12"	350	260
350	14"	400	
400	16"	505	



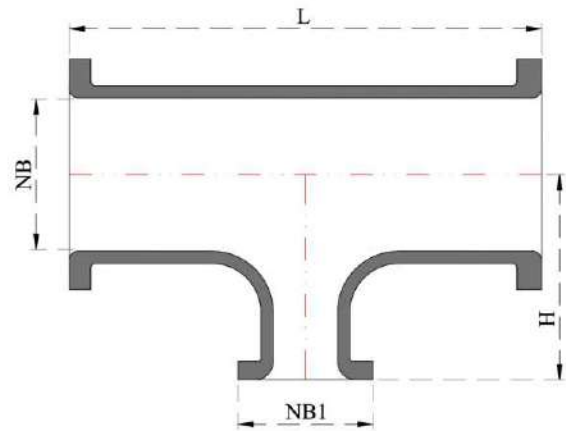
## EQUAL TEE

NOMINAL DIAMETER DN (NB)		LENGTH (in MM)	
MM	INCH	L	H
25	1"	178	89
40	1½"	198	99
50	2"	230	115
80	3"	268	134
100	4"	310	155
150	6"	390	195
200	8"	520	260
250	10"	630	315
300	12"	700	350
350	14"	750	375
400	16"	800	400



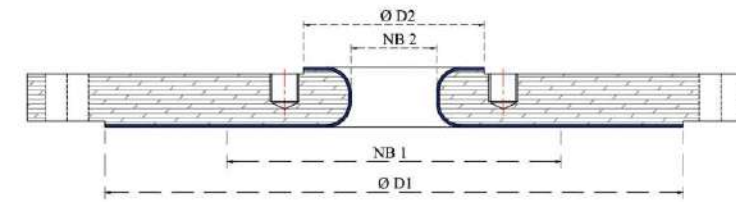
## UN EQUAL TEE

NOMINAL DIAMETER DN (NB)		LENGTH (in MM)	
MM	INCH	L	H
40	1½"	198	Customized Length
50	2"	230	
80	3"	268	
100	4"	310	
150	6"	390	
200	8"	390	
250	10"	Customized Length	
300	12"		



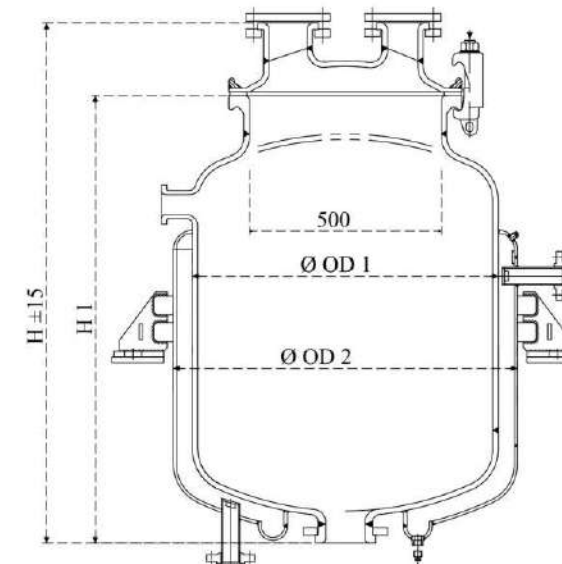
## REDUCING FLANGES : ASA 150 & PN 10

DN 1	DN 2	25	40	50	80	100	150	200	250	300	
40	L	140									
50		140									
80			140								
100				175							
150					225						
200						250					
250							300				
300								350			
350									420		
400										440	



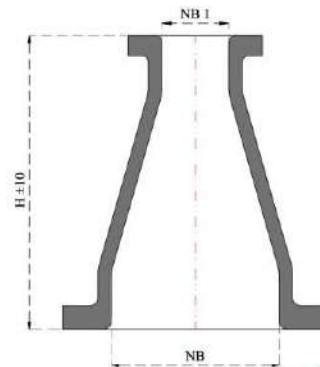
## RECEIVER TANK

20 Ltr    63 Ltr    200 Ltr  
 30 Ltr    100 Ltr    250 Ltr  
 50 Ltr    160 Ltr    300 Ltr  
 Standard & Customized



## REDUCER : CONCENTRIC / ECCENTRIC

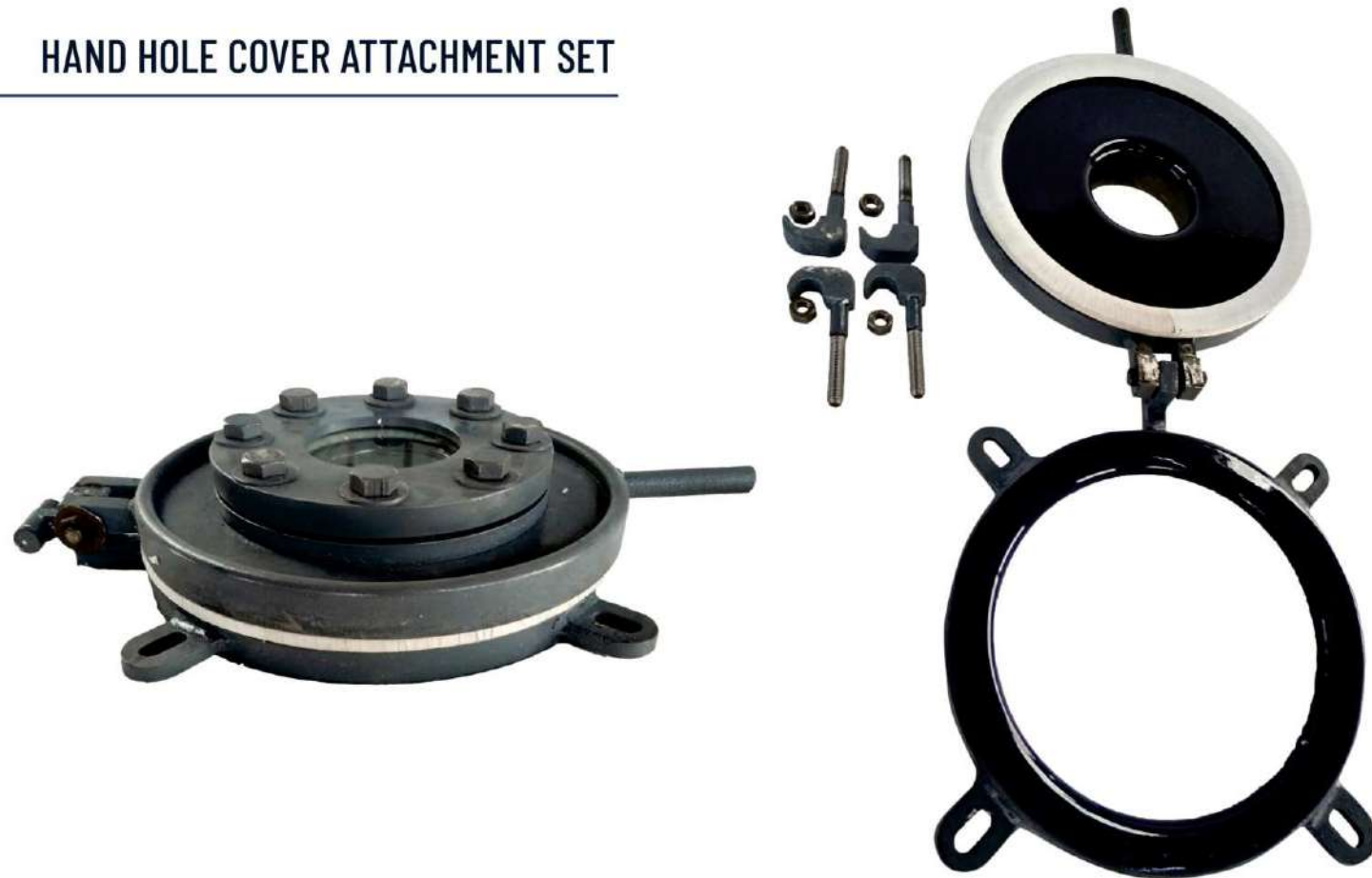
DN 1	DN 2	25	40	50	80	100	150	200	250	300	
40	L	140									
50		140									
80			140								
100				175							
150					225						
200						250					
250							300				
300								350			
350									420		
400										440	



MAN HOLE COVER & PROTECTION RING  
ATTACHMENT SET



HAND HOLE COVER ATTACHMENT SET



FLUSH BOTTOM OUTLET VALVE

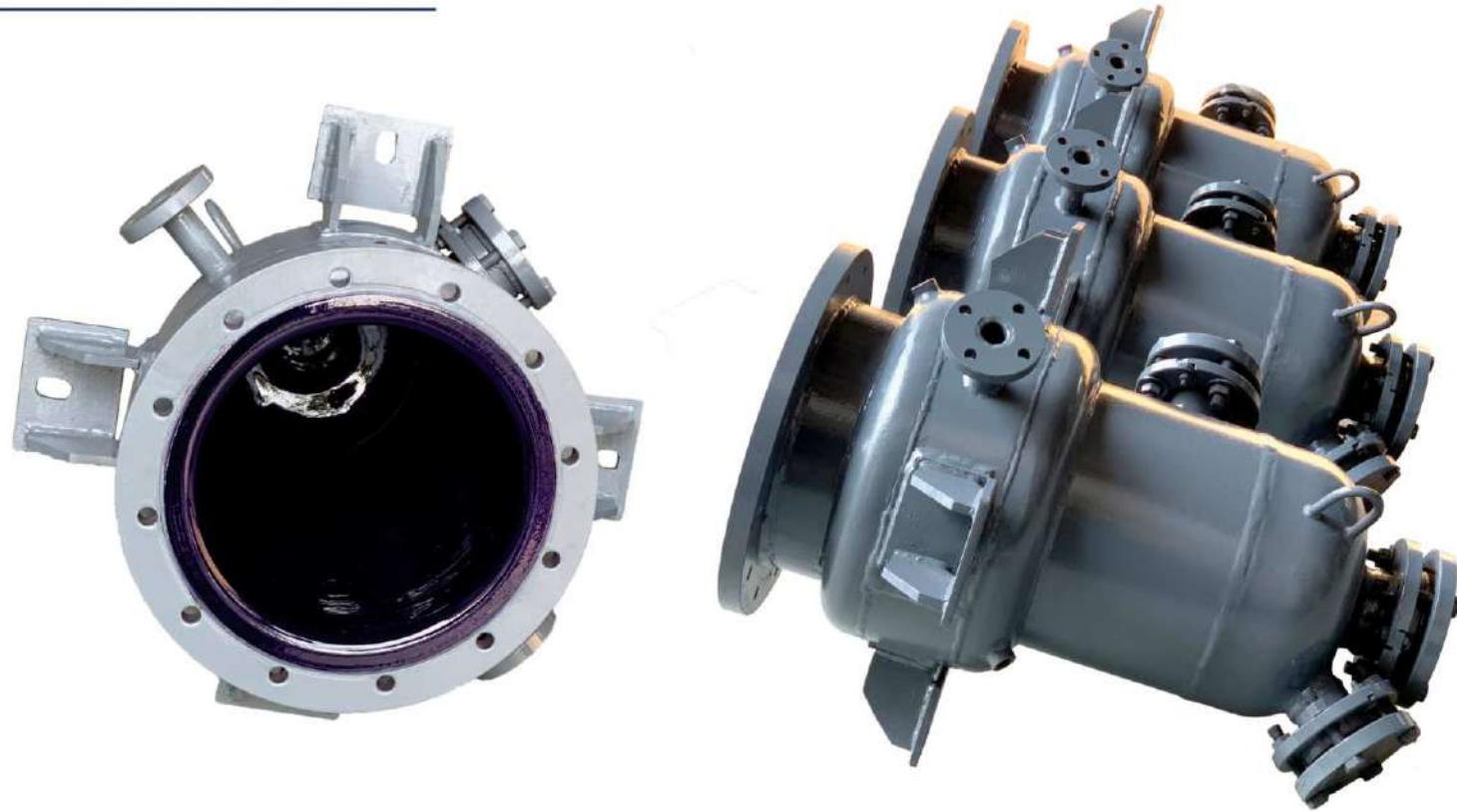


COLUMN CONDENSOR

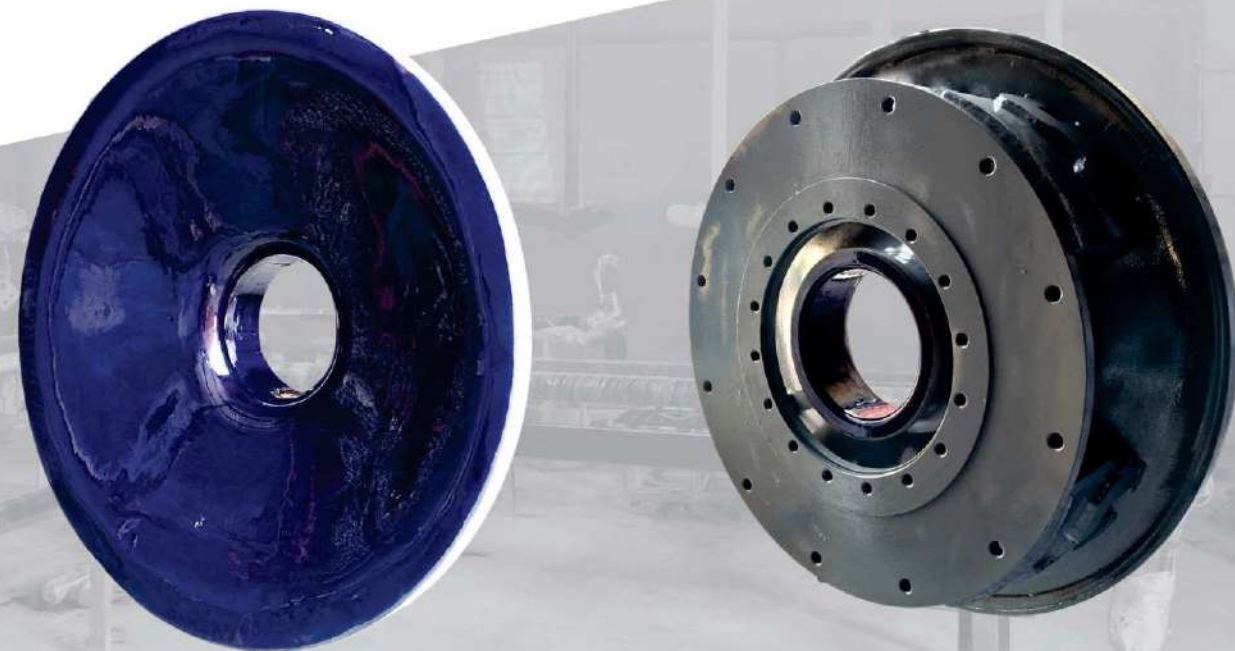




## FILM WIPE EVAPORATOR



## CENTER OPENING COVER



## RE- GLASS LINING

### RE-GLASS LINING(Refurbishment of Glass Lining)

Refurbishment of Glass lining is the process to remove the glass coating from damage area of spares at spot or full removing of glass coating. Its done by spot repairing ,fully repairing and replacement of damage part with new. The Refurbishment of Glass Lining is the cost effective and the most time saving process of glass lining.

HSV Aditya Glass Line Pvt Ltd have expertise in the Refurbishment of Glass lining spares & accessories like agitators, baffles, covers, columns & its parts ect of existing glass lined reactors at customer end.

We have developed specialized machinery ,techniques and testing facilities for Refurbishment of glass lining spares at various spot are as follows.

1- Agitators : connecting shaft area ,bottom blade section, blade cap, pipe area.

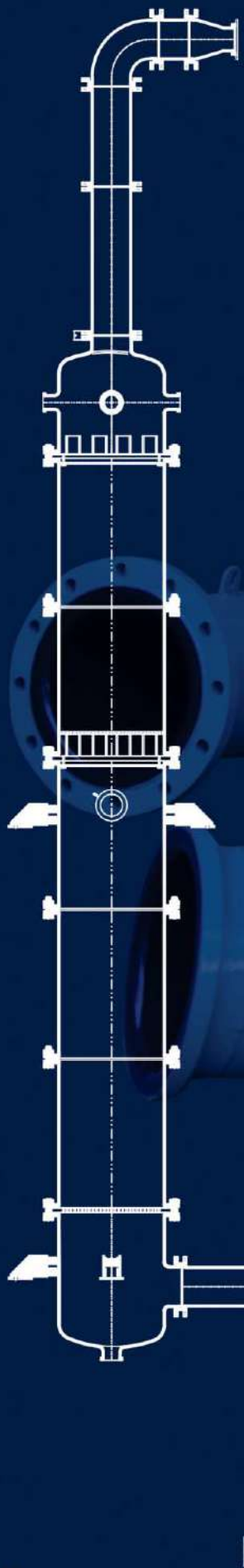
2-Baffles : Bottom cap, flange radius, changing the length.

3-COC : Body, Nozzle area.

4-Condenser & it cover :

5- Other Glass Lined spares.





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### GLASS LINED COLUMNS AND PIPE FITTINGS.

Here at HSV Aditya Glass Line Pvt Ltd, We are proud to supply a wide assay of glass lined columns and pipe fittings.

We will be the best choice for the glass lined columns and pipe system of year storage tanks reefers as they are quality constructed, pore free and high tested to prevent dangerous leaks.

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