

## SPECIFICATIONS OF NON RETURN VALVE FOR HYDROCHLORIC ACID HANDLING

Liquid Handled : 33% of HCL  
 Specific gravity of Liquid : 1.15-1.20  
 PH : <1

### Valve type & MOC:

Type : Two piece design full bore lined Ball type lift check valve  
 Design Temperature : 100 Deg C  
 Design Pressure : 10 KG/Sq.CM  
 Installation position : Vertical  
 Body : FEP lined A216 WCB  
 Solid Ball : PTFE  
 Gasket : PTFE  
 PFA lining thickness : 3 to 5MM  
 Bolts & Nuts : A193GRB7/A194 GR 2H  
 Flanged ends : ANSI 150# drilled to B16.5

Make : Weir BDK/Adco /MICROFINISH/ksb only

Sl. No.	Material code	Material Description	Unit code	Stock in hand	Dues	Consumption rate	Item cat	Quantity required
1	300 024 091 792	Non return valve as per above mentioned specifications for HCL Handling Size : 1 1/2"	01					04
2	300 024 091 793	----do----but size 2"	01					08
3.	300 024 091 794	----do----but size 2 1/2 "	01					10
4.	300 024 091 795	----do----but size 3"	01					06

overall 4 shall be consider for 4,

why. G  
26/4/16

Annexure-1