

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/HI-TECH APPLICATOR/MICROFINISH.

Sl. No.	Material code	Material Description	Unit code	Stock in hand	Dues	Consumption rate	Item cat	Quantity required
1	300 024 091 796	Non return valve as per above mentioned specifications for HCL Handling Size : 1 ½"	01					04
2	300 024 091 797	----do----but size 2"	01					08
3.	300 024 091 798	----do----but size 2 ½ "	01					10
4.	300 024 091 799	----do----but size 3"	01					06