Valve Design Template

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| Designs | Valve Thread Type | Main Seal Type | Tube Option | Neck Seal type |
|  | 2.5” Buttress | 2” BSP | 56mm x 4 | VITON | EPDM | 1,250L IBC | 1,000L IBC | 220L drum | Custom drums (Specify) | Square Cut - Narrow | Square Cut - Wide | CircularX-section O-ring |
| Examples |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Yes |  |  | Yes |  | Yes |  |  |  |  | Yes |
|  | Yes |  |  | Yes |  | Yes |  |  |  |  |  | Yes |
|  |  |  | Yes |  | Yes |  |  | Yes |  | Yes |  |  |
|  | Yes |  |  | Yes |  |  |  |  | 30 US Gals |  | Yes |  |
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| Actuals |  |  |  |  |  |  |  |  |  |  |  |  |
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Please mark the boxes for all the possible valve types you might need, for all the various container options and all chemical liquid types you might want to fill.

Some theoretical examples for illustration purposes only.

SCHUTZ IBCs typically have a 2” BSP thread in the G2 plug of the DN 150 centre screw caps.

SCHUTZ 220L drums can vary depending on location of manufacture.

MAUSER IBCs and 220L drums will require the 56 x 4 metric ( aka 2” buttress ) threads in the opening intended for the CypherCo valve.

Some end users may require valves only, without dip-tubes.

Note – CypherCo is not restricted to VITON and EPDM seals, as other more exotic seals like SIMRIZ and KALREZ are options, if required. However the latter will add a premium to the price of the valve and will need longer lead times. ( Refer to Customer Service )

There may be a requirement for fluorinated tubes, when the liquid is solvent based and prone to migrating through typical untreated ethylene and propylene based plastics. CypherCo can arrange for the dip-tubes to be supplied with Level 3 fluorination.