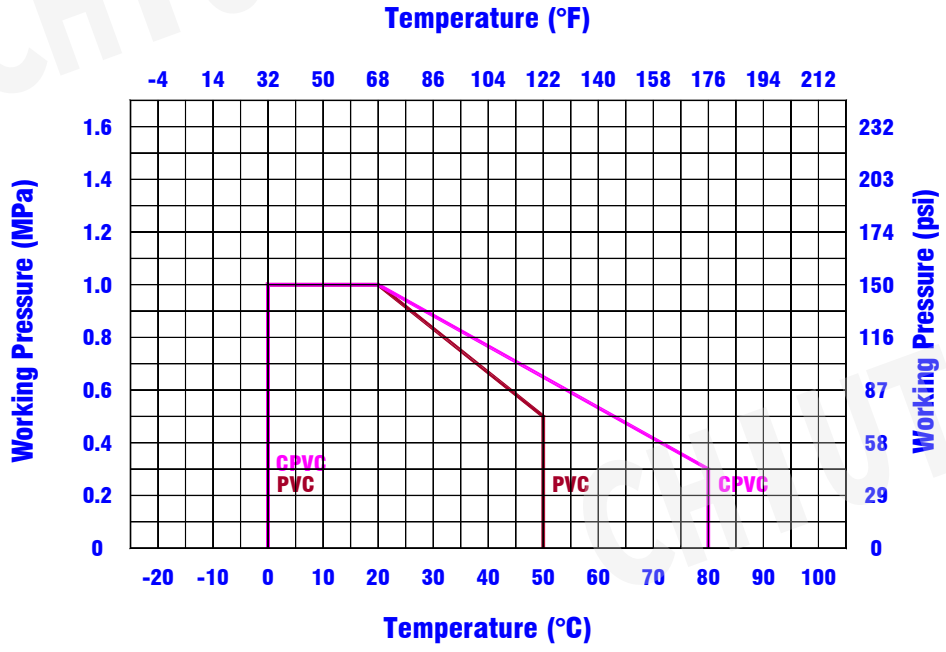
TRUE UNION BALL VALVE

Item	Description	Size	Material		
			Body	Seat	O-ring
(1)	True Union Ball Valve	1/2"(DN15)	PVC,CPVC	PTFE	EPDM,FF
(2)	True Union Ball Valve	3/4"(DN20)	PVC,CPVC	PTFE	EPDM,FF
(3)	True Union Ball Valve	1"(DN25)	PVC,CPVC	PTFE	EPDM,FF
(4)	True Union Ball Valve	1-1/4"(DN32)	PVC,CPVC	PTFE	EPDM,FF
(5)	True Union Ball Valve	1-1/2"(DN40)	PVC,CPVC	PTFE	EPDM,FF
(6)	True Union Ball Valve	2"(DN50)	PVC,CPVC	PTFE	EPDM,FF
(7)	True Union Ball Valve	2-1/2"(DN65)*	PVC,CPVC	PTFE	EPDM,FF
(8)	True Union Ball Valve	2-1/2"(DN65)	PVC,CPVC	PTFE	EPDM,FF
(9)	True Union Ball Valve	3"(DN80)	PVC,CPVC	PTFE	EPDM,FF
(10)	True Union Ball Valve	4"(DN100)	PVC,CPVC	PTFE	EPDM,FF

*:Decrement type:inside diameter 50mm

Size	Hydrostatic Testing		Seat and O-ring Tests		Torque kg*cm	
	Burst pressure (kg/cm^2) min	Long-term behaviour test (kg/cm^2)	Seat valve close kg/cm^2	O-ring valve open kg/cm^2		
1/2"(DN15)	42	22	6	6	25	
3/4"(DN20)	42	22	6	6	25	
1"(DN25)	42	22	6	6	30	
1-1/4"(DN32)	42	22	6	6	60	
1-1/2"(DN40)	42	22	6	6	70	
2"(DN50)	42	22	6	6	90	
2-1/2"(DN65)*	42	22	6	6	90	
2-1/2"(DN65)	31	22	6	6	150	
3"(DN80)	31	22	6	6	150	
4"(DN100)	31	22	6	6	250	



Pressure Loss Calculation Formula

$\triangle P=(Q/Cv)^2$

△P:Pressure Drop
Q :Flow in GPM
Cv :Flow Confficient