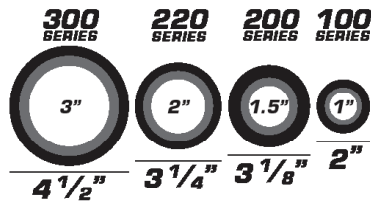


FLANGE FITTINGS



FLANGED COUPLING

PART NO.	DESCRIPTION	LIST PRICE
M100CPG	1" Flange x 1" Flange; 2 1/4" Long	\$8.58
M200CPG	2" Flange x 2" Flange; Standard Port; 4 1/2" Long	\$22.18
M220CPG	2" Flange x 2" Flange; Full Port; 3" Long	\$26.94
M220CPG3G	2" Flange x 2" Flange; Full Port; 3" Long; 1/2" Gauge Port	\$64.33
M220CPG6	2" Flange x 2" Flange; Full Port; 6" Long	\$35.04
M300CPG	3" Flange x 3" Flange; 4" Long	\$32.98
M300CPG7	3" Flange x 3" Flange; 7" Long	\$34.64
M300CPG12	3" Flange x 3" Flange; 12" Long	\$134.73

FLANGED REDUCER COUPLING

PART NO.	DESCRIPTION	LIST PRICE
M200100CPG	2" Standard Port Flange x 1" Flange	\$25.18
M220100CPG	2" Full Port Flange x 1" Flange	\$25.14
M220200CPG	2" Full Port Flange x 2" Standard Port Flange	\$27.72
M300200CPG	3" Flange x 2" Standard Port Flange	\$64.67
M300220CPG	3" Flange x 2" Full Port Flange	\$59.78

45° FLANGED COUPLING

PART NO.	DESCRIPTION	LIST PRICE
M100CPG45	1" Flange x 1" Flange; 45°	\$19.23
M200CPG45	2" Flange x 2" Flange; Standard Port; 45°	\$22.69
M220CPG45	2" Flange x 2" Flange; Full Port; 45°	\$27.35
M300CPG45	3" Flange x 3" Flange; 45°	\$111.86

90° FLANGED COUPLING

PART NO.	DESCRIPTION	LIST PRICE
M100CPG90	1" Flange x 1" Flange; 90°	\$11.48
M200CPG90	2" Flange x 2" Flange; Standard Port; 90°	\$21.65
M200CPG90SH	2" Flange x 2" Flange; Standard Port; Short; 90°	\$21.65
M220CPG90	2" Flange x 2" Flange; Full Port 90°	\$21.54
M300CPG90	3" Flange x 3" Flange; 90°	\$95.11

FLANGED TEE

PART NO.	DESCRIPTION	LIST PRICE
M100TEE	1" Flanged Tee	\$10.81
M101TEE	1" Flanged Tee - Long	\$11.90
M200100TEE	2" Standard Port Flange x 1" Flange Tee	\$24.00
M200100TEEB	2" Standard Port Flange x 1" Flange Tee with Mounting Flange	\$31.91
M200TEE	2" Flanged Tee; Standard Port	\$22.27
M220TEE	2" Flanged Tee; Full Port	\$22.79
M300TEE	3" Flanged Tee	\$109.07

FLANGED CROSS

PART NO.	DESCRIPTION	LIST PRICE
M100CR	1" Flanged Cross	\$32.42
M200CR	2" Flanged Cross; Standard Port	\$56.94
M220CR	2" Flanged Cross; Full Port	\$64.14
M300CR	3" Flanged Cross	\$133.87

FLANGE X FEMALE COUPLER

PART NO.	DESCRIPTION	LIST PRICE
M220D	2" Full Port Flange x 2" Female Quick Coupler	\$38.07
M303D	3" Flange x 3" Female Quick Coupler with 3 Arms	\$73.04

FLANGE X MALE COUPLER

PART NO.	DESCRIPTION	LIST PRICE
M100A	1" Flange x 1" Male Quick Coupler	\$11.28
M200A	2" Standard Port Flange x 2" Male Quick Coupler	\$15.07
M220A	2" Full Port Flange x 2" Male Quick Coupler	\$21.47
M300A	3" Flange x 3" Male Quick Coupler	\$41.19

FLANGE X HOSE BARB

PART NO.	DESCRIPTION	LIST PRICE
M100075BRB	1" Flange x 3/4" Hose Barb	\$4.34
M1000BRB	1" Flange x 1" Hose Barb	\$4.66
M100125BRB	1" Flange x 1-1/4" Hose Barb	\$4.34
M200100BRB	2" Standard Port Flange x 1" Hose Barb	\$9.28
M200125BRB	2" Standard Port Flange x 1-1/4" Hose Barb	\$9.59
M200150BRB	2" Standard Port Flange x 1-1/2" Hose Barb	\$8.44
M200BRB	2" Standard Port Flange x 2" Hose Barb	\$9.28
M220150BRB	2" Full Port Flange x 1-1/2" Hose Barb	\$11.22
M220BRB	2" Full Port Flange x 2" Hose Barb	\$11.70
M300200BRB	3" Flange x 2" Hose Barb	\$29.60
M300BRB	3" Flange x 3" Hose Barb	\$31.82

FLANGE X HOSE BARB 45°

PART NO.	DESCRIPTION	LIST PRICE
M100BRB45	1" Flange x 1" Hose Barb; 45°	\$25.38
M200150BRB45	2" Standard Port Flange x 1-1/2" Hose Barb; 45°	\$30.54
M200BRB45	2" Standard Port Flange x 2" Hose Barb; 45°	\$35.85
M220BRB45	2" Full Port Flange x 2" Hose Barb; 45°	\$34.55
M300BRB45	3" Flange x 3" Hose Barb; 45°	\$120.47

FLANGE X HOSE BARB 90°

PART NO.	DESCRIPTION	LIST PRICE
M100075BRB90	1" Flange x 3/4" Hose Barb; 90°	\$4.23
M1000BRB90	1" Flange x 1" Hose Barb; 90°	\$4.64
M100125BRB90	1" Flange x 1-1/4" Hose Barb; 90°	\$5.10
M200100BRB90	2" Standard Port Flange x 1" Hose Barb; 90°	\$17.16
M200125BRB90	2" Standard Port Flange x 1-1/4" Hose Barb; 90°	\$17.16
M200150BRB90	2" Standard Port Flange x 1-1/2" Hose Barb; 90°	\$15.60
M200BRB90	2" Standard Port Flange x 2" Hose Barb; 90°	\$17.16
M220150BRB90	2" Full Port Flange x 1-1/2" Hose Barb; 90°	\$16.81
M220BRB90	2" Full Port Flange x 2" Hose Barb; 90°	\$16.81
M300200BRB90	3" Flange x 2" Hose Barb; 90°	\$74.88
M300BRB90	3" Flange x 3" Hose Barb; 90°	\$74.88

FLANGE X HOSE BARB TEE

PART NO.	DESCRIPTION	LIST PRICE
M100075HBT	1" Flange x 3/4" Hose Barb Tee	\$23.29
M100100HBT	1" Flange x 1" Hose Barb Tee	\$14.80
M100125HBT	1" Flange x 1-1/4" Hose Barb Tee	\$18.22
M220200HBT	2" Full Port Flange x 2" Hose Barb Tee	\$27.44
M300200HBT	3" Flange x 3" Hose Barb x 2" Hose Barb Tee	\$58.91
M300300HBT	3" Flange x 3" Hose Barb Tee	\$59.79

FLANGED CHECK VALVE

PART NO.	DESCRIPTION	LIST PRICE
MCV100	1" Flanged Check Valve; 1 PSI	\$24.92
MCV200	2" Standard Port Flanged Check Valve; 1 PSI	\$32.24
MCV221	2" Full Port Flanged Check Valve; 1/2 PSI	\$42.41
MCV300	3" Flanged Check Valve; 5 PSI	\$64.56

FLANGE X FEMALE PIPE THREAD

PART NO.	DESCRIPTION	LIST PRICE
M100050FPT	1" Flange x 1/2" Female Pipe Thread	\$4.34
M100075FPT	1" Flange x 3/4" Female Pipe Thread	\$4.34
M100FPT	1" Flange x 1" Female Pipe Thread	\$3.77
M200150FPT	2" Standard Port Flange x 1-1/2" Female Pipe Thread	\$21.59
M200FPT	2" Standard Port Flange x 2" Female Pipe Thread	\$23.75
M220FPT	2" Full Port Flange x 2" Female Pipe Thread	\$22.09
M300FPT	3" Flange x 3" Female Pipe Thread	\$61.64

FLANGE X MALE PIPE THREAD

PART NO.	DESCRIPTION	LIST PRICE
M100075MPT	1" Flange x 3/4" Male Pipe Thread	\$4.19
M1000MPT	1" Flange x 1" Male Pipe Thread	\$4.66
M1000125MPT	1" Flange x 1-1/4" Male Pipe Thread	\$5.57
M200125MPT	2" Standard Port Flange x 1-1/4" Male Pipe Thread	\$8.19
M200150MPT	2" Standard Port Flange x 1-1/2" Male Pipe Thread	\$8.19
M200MPT	2" Standard Port Flange x 2" Male Pipe Thread	\$8.19
M220MPT	2" Full Port Flange x 2" Male Pipe Thread	\$8.26
M300MPT	3" Flange x 3" Male Pipe Thread	\$24.84

FLANGE PLUGS

PART NO.	DESCRIPTION	LIST PRICE
M100PLG	1" Flange Plug	\$3.68
M100PLG025	1" Flange Plug x 1/4" Female Pipe Thread	\$18.59
M100PLG050	1" Flange Plug x 1/2" Female Pipe Thread	\$21.11
M200PLG	2" Standard Port Flange Plug	\$8.19
M200PLG025	2" Standard Port Flange Plug x 1/4" Female Pipe	\$24.81
M200PLG038	2" Standard Port Flange Plug x 3/8" Female Pipe	\$27.11
M200PLG050	2" Standard Port Flange Plug x 1/2" Female Pipe	\$24.81
M200PLG075	2" Standard Port Flange Plug x 3/4" Female Pipe	\$24.81
M200PLG100	2" Standard Port Flange Plug x 1" Female Pipe	\$24.81
M220PLG	2" Full Port Flange Plug	\$10.00
M220PLG038	2" Full Port Flange Plug x 3/8" Female Pipe	\$41.56
M220PLG075	2" Full Port Flange Plug x 3/4" Female Pipe	\$37.79
M300PLG	3" Flange Plug	\$27.64
M300PLG075	3" Flange Plug x 3/4" Female Pipe	\$44.85
M300PLG100	3" Flange Plug x 1" Female Pipe	\$46.26

FLANGE Y COUPLING 45°

PART NO.	DESCRIPTION	LIST PRICE
M220Y45	2" Full Port Flange Y; 45°	\$110.78
M220YG45	2" Full Port Flange Y; 45°; with 3/4" FPT Port	\$132.15
M300Y45	3" Flange Y; 45°	\$221.99
M300YG45	3" Flange Y; 45°; with 3/4" FPT Port	\$231.98

90° FLANGE SWEEP COUPLING

PART NO.	DESCRIPTION	LIST PRICE
M100SWP90	1" Flange Sweep	\$23.81
M100SWPG90	1" Flange Sweep w/ 1/4" Gauge Port	\$29.63
M200SWP90	2" Std Port Flange Sweep	\$27.06
M220200SWP90	2" Full Port Flange x 2" Std Port Flange Sweep	\$29.21
M220SWP90	2" Full Port Flange Sweep	\$24.99
M220SWPG90	2" Full Port Flange Sweep w/ 1/4" Gauge Port	\$28.82
M300SWP90	3" Flange Sweep	\$114.62
M300SWPG90	3" Flange Sweep w/ 1/4" Gauge Port	\$126.08
M300220SWP90	3" Flange x 2" Full Port Flange Sweep	\$114.62

90° FLANGE SWEEP X QUICK COUPLER

PART NO.	DESCRIPTION	LIST PRICE
M220ASWP90	2" Full Port Flange Sweep x 2" Male Quick Coupler	\$24.99
M300ASWP90	3" Flange Sweep x 3" Male Quick Coupler	\$126.08

90° FLANGE SWEEP X HOSE BARB

PART NO.	DESCRIPTION	LIST PRICE
M100BRBSWP90	1" Flange x 1" Hose Barb Sweep	\$25.90
M100BRBSWPG90	1" Flange x 1" Barb Sweep w/ 1/4" Gauge Port	\$26.94
M100125BRBSWP90	1" Flange x 1-1/4" Hose Barb Sweep	\$29.27
M220BRBSWP90	2" Full Port Flange x 2" Hose Barb Sweep	\$58.94
M300BRBSWP90	3" Flange x 3" Hose Barb Sweep	\$114.62

90° FLANGE SWEEP X MALE PIPE

PART NO.	DESCRIPTION	LIST PRICE
M220MPTSWP90	2" Full Port Flange x 2" Male Pipe Thread Sweep	\$27.99
M300MPTSWP90	3" Flange x 3" Male Pipe Thread Sweep	\$126.08

3" MANIFOLD WYE

PART NO.	DESCRIPTION	LIST PRICE
M300220WYCG	3" Flange x 2" Full Port Flange "WY" with 1/4" Gauge Port	\$169.64

SWIVEL

PART NO.	DESCRIPTION	LIST PRICE
MSW220	2" Full Port Flange Swivel	\$55.50

FLANGE X PVC GLUE SOCKET

PART NO.	DESCRIPTION	LIST PRICE
M101GSA	2" Full Port Flange Y; 45°	\$14.50
M221GSA	2" Full Port Flange Y; 45°; with 3/4" FPT Port	\$25.11
M301GSA	3" Flange Y; 45°	\$39.41

STAINLESS FLANGE X MPT

PART NO.	DESCRIPTION	LIST PRICE
M100MPTSS	1" Flange x 1" Male Pipe Thread	\$45.50
M200125MPTSS	2" Std Port Flange x 1-1/4" Male Pipe Thread	\$77.59
M200150MPTSS	2" Std Port Flange x 1-1/2" Male Pipe Thread	\$71.12
M200MPTSS	2" Std Port Flange x 2" Male Pipe Thread	\$98.22
M220150MPTSS	2" Full Port Flange x 1-1/2" Male Pipe Thread	\$103.33
M220MPTSS	2" Full Port Flange x 2" Male Pipe Thread	\$103.33
M300220MPTSS	3" Flange x 2" Male Pipe Thread	\$291.34
M300MPTSS	3" Flange x 3" Male Pipe Thread	\$173.41

FLANGE X STAINLESS SOCKET WELD

PART NO.	DESCRIPTION	LIST PRICE
M100SWFSS	1" Flange x 1" Socket Weld Fitting	\$45.50
M104SWFSS	1" Flange x 1" Socket Weld Fitting x 4"	\$198.77
M200SWFSS	2" Std Port Flange x 2" Socket Weld Fitting	\$130.00
M220SWFSS	2" Full Port Flange x 2" Socket Weld Fitting	\$121.21
M220375SWFSS	2" Full Port Flange x 2" Socket Weld Fitting x 3-3/4"	\$218.21
M300SWFSS	3" Flange x 3" Socket Weld Fitting	\$206.83
M300375SWFSS	3" Flange x 3" Socket Weld Fitting x 3-3/4"	\$357.06

MANIFOLD PRESSURE SPIKE VALVES

PART NO.	DESCRIPTION	LIST PRICE
MPRV100-050	1" Flange • 50 PSI Cracking Pressure	\$121.20
MPRV100-075	1" Flange • 75 PSI Cracking Pressure	\$121.20
MPRV100-100	1" Flange • 100 PSI Cracking Pressure	\$111.71
MPRV100-125	1" Flange • 125 PSI Cracking Pressure	\$111.71
MPRV100-150	1" Flange • 150 PSI Cracking Pressure	\$111.71



BOOM NOZZLE PIPE ADAPTER

PART NO.	DESCRIPTION	LIST PRICE
M100PA	1" Flanged Pipe Adapter	\$82.22
M100PAC	1" Flanged Pipe Adapter Cap	\$85.42
M100PAT	1" Flanged Pipe Adapter Tee	\$91.41



FLANGE UNION VALVE

PART NO.	DESCRIPTION	LIST PRICE
MSUV100FP	1" Flange Manifold Union Valve	\$34.42

INDUCTORS



PART NO.	DESCRIPTION	LIST PRICE
MHV200	BANJO - 2" Flanged Poly Venturi w/ 1-1/2" Port	\$193.35
MHV220A	BANJO - 2" Full Port Flanged Poly Venturi	\$194.32
M200TEE075	BANJO - 2" Std Port Flange Tee with Venturi	\$81.77
3371-0038	HYPRO - Poly Venturi; On-Board Sprayer; R Flow	\$123.33
3371-0040	HYPRO - Poly Venturi; Transfer Pump; R Flow	\$131.80

SEE PAGE 336-337 FOR MORE VENTURI KITS

NORWESCO



FLANGE BALL VALVES

PART NO.	DESCRIPTION	LIST PRICE
63027	NORWESCO - 1" Flange (100 Series)	\$70.09
64256	NORWESCO - 2" Standard Port Flange (200 Series)	\$76.03
63122	NORWESCO - 2" Full Port Flange (220 Series)	\$77.89
63124	NORWESCO - 3" Flange (300 Series)	\$230.92

SEE PAGE 22 FOR MORE NORWESCO BALL VALVES

BANJO



FLANGE BALL VALVES

PART NO.	DESCRIPTION	LIST PRICE
MV100CF	BANJO - 1" Flange (100 Series)	\$60.80
MV200CF	BANJO - 2" Standard Port Flange (200 Series)	\$86.05
MV220CF	BANJO - 2" Full Port Flange (220 Series)	\$114.68
MV300CF	BANJO - 3" Flange (300 Series)	\$272.89
MV301CF	BANJO - 3" Flange (For use with Venturi Kit)	\$300.18

SEE PAGE 23 FOR MORE BANJO BALL VALVES



BANJO

Liquid Handling Products

COMPACT "STUBBY" BALL VALVES

PART NO.	DESCRIPTION	LIST PRICE
VSMT200CF	BANJO - 200 Flange x 2" NPT (M)	\$97.41
VSF200CF	BANJO - 200 Flange x 2" Male QC	\$83.62
MVS220FP	BANJO - 220 Flange x 2" NPT (F)	\$123.45
MVSF220FP	BANJO - 220 Flange x 2" Male QC	\$102.89
MVS220CF	BANJO - 220 Flange x 220 Flange	\$102.89
MVSMT220FP	BANJO - 220 Flange x 2" NPT (M)	\$102.89
MVSF300	BANJO - 300 Series Flange x 3" Male QC	\$210.32
MVSMT300	BANJO - 300 Series Flange x 3" NPT (M)	\$262.82
MVS300CF	BANJO - 300 Series Flange x 300 Series Flange	\$210.32
MVS300CFPP	BANJO - FULL PORT 300 Series Flange	\$257.30

SEE PAGE 23 FOR MORE BANJO BALL VALVES

FLANGE CLAMP



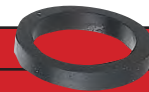
PART NO.	DESCRIPTION	LIST PRICE
FC100-BA	1" Flange Clamp	\$19.16
FC200-BA	2" Standard Port Flange Clamp	\$18.99
FC220-BA	2" Full Port Flange Clamp	\$23.49
FC300-BA	3" Flange Clamp	\$31.46

BOLTED FLANGE CLAMP



PART NO.	DESCRIPTION	LIST PRICE
FC220B	2" Full Port Bolted Flange Clamp	\$53.48
FC300B	3" Bolted Flange Clamp	\$59.61

FLANGE GASKET



PART NO.	DESCRIPTION	LIST PRICE
100G	1" Flange Gasket - EPDM	\$3.61
100GV	1" Flange Gasket - Viton®	\$17.40
150G	2" Standard Port Flange Gasket - EPDM	\$4.62
150GV	2" Standard Port Flange Gasket - Viton®	\$18.36
200G	2" Full Port Flange Gasket - EPDM	\$5.45
200GV	2" Full Port Flange Gasket - Viton®	\$28.16
300G	3" Flange Gasket - EPDM	\$8.77
300GV	3" Flange Gasket - Viton®	\$39.02

HYPRO POLY FLANGE CLAMP



PART NO.	DESCRIPTION	LIST PRICE
UFC0100-S	1" Flange; Poly Hinged Clamp	\$15.66
UFC0150-S	2" Standard Port Flange; Poly Hinged Clamp	\$21.34
UFC0200-S	2" Full Port Flange; Poly Hinged Clamp	\$25.43
UFG0300-S	3" Flange; Poly Hinged Clamp	\$26.68

HYPRO WRAPAROUND GASKET



PART NO.	DESCRIPTION	LIST PRICE
UFG0100E-A	1" Flange Wraparound Gasket	\$2.95
UFG0150E-A	2" Standard Port Flange Wraparound Gasket	\$3.24
UFG0200E-A	2" Full Port Flange Wraparound Gasket	\$3.3
UFG0300E-A	3" Flange Wraparound Gasket	\$4.32

U-BOLTS - STAINLESS STEEL



PART NO.	DESCRIPTION	LIST PRICE
UB100	100 Series Mounting U-Bolt	\$41.52
UB202	200 Series Mounting U-Bolt	\$41.53
UB220	220 Series Mounting U-Bolt	\$43.85

SEE PAGE 26-27 FOR FLANGE STRAINERS

