

כתב כמויות למכרז לאביזרי צנרת לאספקה שנתית 17-111

מספר פריט	תיאור מק"ט	כמות	אומדן ליחידה בש"ח	מחיר סה"כ בש"ח:
15302	reducing coupling 1 inch * 1/2 inch, BSP GALV #3000	150		
15270	half coupling 1 inch se npt #3000	200		
15919	hexagonal nipple 1/2 inch se npt #3000	280		
15223	cap ASTM B16.9 A234 6 inch we std	110		
15943	hexagonal nipple 2 inch se npt #3000	100		
14763	equal tee cs A234 6 inch, we, std	100		
15127	reducer tee ASME B 16.9 A234 6 inch * 3 inch * 6 inch, we, std	30		
15127	reducer tee ASME B 16.9 A234 6 inch * 3 inch * 6 inch, we, std	30		
15613	concentric reducer ASME B16.5 A105 we 4 * 3 inch std	40		
15250	coupling 2 inch se npt #3000	30		
15950	hexagonal nipple 3/4 inch se npt #3000	80		
22265	hexagonal nipple 1 inch se npt #3000 galv	10		
15625	concentric reducer ASME B16.5 A105 we 6 * 4 inch std	30		
15915	hexagonal nipple 1 inch se npt #3000	120		
15637	concentric reducer ASME B16.5 A105 we 8 * 6 inch std	10		
14469	hex head bushing ASTM B16.11 A105 1 * 1/2 inch se npt #3000	100		
14658	equal tee ASTM B1.20.1 A105 1 inch se npt #3000	80		
14662	equal tee ASTM B1.20.1 A105 1/2 inch se npt #3000	100		
15233	coupling 1 inch se npt #3000	80		
14505	hex head bushing ASTM B16.11 A105 2 * 1/2 inch se npt #3000	10		
15956	nipple 1 inch * 100mm se npt #3000	10		
16409	union cs 2 inch se npt, #3000	30		
15967	nipple 2 inch * 100mm se npt #3000	10		
16168	hex head plugs ASME B16.11 A105 1/2 inch se npt, #3000	120		
14534	hex head bushing ASTM B16.11 A105 3/4 * 1/2 inch se npt #3000	50		
15116	reducer tee ASME B 16.9 A234 4 inch * 3 inch * 4 inch, we, std	10		
15238	coupling 1/2 inch se npt #3000	140		
15116	reducer tee ASME B 16.9 A234 4 inch * 3 inch * 4 inch, we, std	10		
15958	nipple 1/2 inch * 100mm se npt #3000	50		
14712	equal tee cs A234 12 inch, we, std	10		
14760	equal tee cs A234 4 inch, we, std	20		
15260	coupling 3/4 inch se npt #3000	60		
14460	bushing ASTM B16.11 A105 1 * 1/2 inch NPT #3000	10		

		50	equal tee ASTM B1.20.1 A105 3/4 inch se npt #3000	14690
		100	half coupling 1/2 inch se npt #3000	15273
		10	hex head bushing ASTM B16.11 A105 2 * 1 inch se npt #3000	14503
		20	equal tee ASTM A105 2 inch cs sw #3000	14645
		30	reducer tee ASME B 16.9 A234 4 inch * 2 inch * 4 inch, we, std	15114
		30	half coupling 3/4 inch se npt #3000	15294
		30	reducer tee ASME B 16.9 A234 4 inch * 2 inch * 4 inch, we, std	15114
		55	hex head bushing ASTM B16.11 A105 1 * 3/4 inch se npt #3000	14471
		40	equal tee cs A234 8 inch, we, std	14766
		60	hex head plugs ASME B16.11 A105 2 inch se npt, #3000	16173
		60	record 1", #3000, se, npt	16398
		10	equal tee ASTM B1.20.1 A105 2 inch se npt #3000	14678
		10	coupling 3/4 inch s.w. #3000	24139
		10	eccentric reducer ASME B16.5 A105 we 6 * 4 inch std	15898
		10	hex head bushing ASTM B16.11 A105 1 * 1/2 inch se npt #3000 galv.	22264
		50	record 1/2", #3000, se, npt	16400
		20	cap ASME B16.9 A105 1/2 inch se npt #3000	15144
		10	concentric reducer ASME B16.5 A105 we 10 * 8 inch std	15385
		20	cap ASME B16.9 A105 1 inch se npt #3000	15143
		120	Elbow 90° 4" LR bw A234 c.s. std	21030
		180	Elbow 90° 6" bw A234 LR c.s. std.	21033
		10	Elbow 45° 4" bw A234 LR c.s. std.	21010
		10	elbow 90° 1 inch galv. se npt, #3000	16300
		60	Elbow 90° 8" bw A234 LR c.s. std	21893
		60	Elbow 45° 6" bw LR A234 c.s. std.	21013
		10	Elbow 3/4 inch NPT street 90 deg galv	22442
		20	Elbow 90° 1 1/2" bw c.s. std.	21016
		380	Elbow 90° 2" bw LR A234 c.s. xs.	21026
		20	Elbow 90° 12" bw LR A234 c.s. std.	21022
		80	elbow 90° 1 inch ASME B16.5 A105 se npt, #3000	16304
		100	elbow 90° 1/2 inch ASME B16.5 A105 se npt, #3000	16311
		60	elbow 90° 3/4 inch ASME B16.5 A105 se npt, #3000	16368
		200	Elbow 90° 2" bw c.s. std	22010
		10	elbow 90° 2 inch galv. se npt, #3000	16339
		30	elbow 90° 2 inch ASME B16.5 A105 se npt, #3000	16344
		10	elbow 90° 1 inch ASME B16.5 A105 sw, #3000	16306

		10	elbow 90° 2-1/2 inch ASME B16.5 A105 se npt, #3000	16352
		10	Elbow 90° 6" bw LR A234 c.s. xs.	21034
		10	elbow 90° 3/4 inch ASME B16.5 A105 sw, #3000	16370
		10	Elbow 45° 8" A234 bw LR c.s. std.	21015
		20	Elbow 90° 20" bw LR A234 c.s. std.	21027
		10	Elbow 45 4" bw A234 LR c.s XS	21727

		500	Flange ASTM B 16.5 A105 4 inch s.o.r.f #150	14037
		360	Flange ASTM B 16.5 A105 6 inch s.o.r.f #150	14057
		620	Flange ASTM B 16.5 A105 3 inch s.o.r.f #150	14012
		100	Flange ASTM B 16.5 A105 4 inch w.n.r.f #150 neck std	14046
		30	Flange ASTM B 16.5 A105 6 inch w.n.r.f #150 neck std	14065
		120	Flange ASTM B 16.5 A105 8 inch s.o.r.f #150	14071
		100	Flange ASTM B 16.5 A105 3 inch w.n.r.f #150	14021
		20	Flange ASTM B 16.5 A105 12 inch s.o.r.f #300	13900
		30	Flange ASTM B 16.5 A105 8 inch w.n.r.f #150 neck std	14079
		200	Flange ASTM B 16.5 A105 2 inch s.o.r.f #150	13958
		200	Flange ASTM B 16.5 A105 10 inch s.o.r.f #150	13884
		10	Flange ASTM B 16.5 A105 12 inch w.n.r.f #150 neck std	13908
		10	Blind flange ASTM B 16.5 A105 4 inch r.f #150	13831
		10	Blind flange ASTM B 16.5 A105 8 inch r.f #150	13845
		20	Blind flange ASTM B 16.5 A105 6 inch r.f #150	13839
		10	Flange ASTM B 16.5 A105 12 inch s.o.r.f #150	13899
		20	Flange ASTM B 16.5 A105 8 inch w.n.r.f #600 neck std	14081
		10	Flange ASTM B 16.5 A105 20 inch s.o.r.f #150	13984
		10	Flange ASTM B 16.5 A105 12 inch w.n.r.f #300 neck std	13909
		10	Blind flange ASTM B 16.5 A105 20 inch r.f. #300	13813
		10	Flange ASTM B 16.5 A105 4 inch w.n.r.f #150 neck xs	24197
		10	Blind flange ASTM B 16.5 A105 3 inch r.f. #300	13825
		10	Blind flange ASTM B 16.5 A105 galv. 2 inch r.f. #150	13849
		10	Flange ASTM B 16.5 A105 12 inch w.n.r.f #600 neck std	13895
		10	Flange ASTM B 16.5 A105 16 inch w.n.r.f #300 neck std	13934
		10	Check valve 4" #150 API-600	21141
		20	Gate valve 6" 150# hand operated	21345
		30	Gate valve 4" 150# hand operated	21340
		20	Gate valve 3" #150 hand operated	21109
		10	swing check valve API 600, 4 inch ; 150# .	17493

		10	Gate valve 1/2" #800 NPT	21103
		10	ברז כדורי מ.כרום 1"	21969

		10	Gate valve 1-1/2 inch ,150# hand operated	17379
		10	ברז כדורי מ.כרום 2" NPT	22140
		10	Gate valve 1 inch ,#800 NPT	17371
		10	gate valve 3/4 inch 800# NPT	17408
		10	gate valve 12 inch , Hand operted #150	17382
		10	gate valve 6 inch , API 600 #150	17402
		20	check valve 6 inch #150	17479
	סה"כ			