

○型密封圈线径1.0*1.1*1.2*1.3*1.4*1.5*1.6*1.8*1.9*2.0○型圈橡胶圈规格表

产品名称	○型密封圈线径1.0*1.1*1.2*1.3*1.4*1.5*1.6*1.8*1.9*2.0○型圈橡胶圈规格表
公司名称	惠州市香江兰昕实业有限公司
价格	.30/个
规格参数	○型圈:硬度10到90度 平垫圈:○型圈星型圈 微小密封圈:硅橡胶圈
公司地址	惠州市惠阳区淡水爱民东路89号4楼（注册地址）
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产品详情

惠州市香江兰昕实业有限公司

橡胶制品 定制型橡胶圈 非标密封件 模具工业标准件 橡塑材料技术 橡胶零配件.

隶属德立精密橡胶工业HKRUMSIN企业，30余载橡胶零部件制造企业，内销子公司。产品致力于高精密机械，航天，半导体，镭射，流体设备,光电 医疗设备，精密仪器配件 无控人机，半导体五金塑胶件，高精密微电子器材配件生产制造工贸企业，新能源精密五金橡塑件，精密橡胶制件 五金塑胶配件产品，高精密公差毫米，微米级误差模具成型，通讯设备配件，械配配件，光学配件，医疗设备配件，无人界面机配件一体化生产销售等。高精密密度公差0.001MM测试精度五金塑胶产品小于毫米公差达到微米级，产品精密品质

橡塑之橡胶细小产品之公差可以达到微小0.01-0.03硫化模具（非五金塑胶类区别成型模式）

，模具注塑射出加工以及硫化生产产品精密配件，精密塑胶产品零配件，高精度机械配件，塑胶五金电子产品的研发生产与销售，密封圈产品销售于北美欧盟规格橡胶圈制品严谨，日本生产管理，日本工业导入日本生产管理模式，于90年代实行了5S管理和ISO系统化管理品质优良，严格按橡胶特性硫化生产，严格执行品质标准SOP SIP作业，严格遵循：人，机，料，法，环，规则方式生产，定制型VITONO型圈橡胶垫片密封垫圈○型扁平密封圈模塑耐用密封件橡胶○型密封圈橡胶垫片密封垫圈○型扁平密封圈模塑耐用密封件橡胶○型密封圈FKM NBR橡胶圈IIR CR neoprene NR

SBR橡胶，橡胶垫片密封垫圈○型扁平密封圈模塑耐用密封件橡胶○型密封圈PA EPDM HNBR橡胶密封圈 FFKM FLS MVQ FSIL PVMQ橡胶密封圈 垫圈 POLYSULFIDE AU ECO ACM橡胶塑胶 FMVQ

NYLON聚氨酯橡胶 氟胶FKM FPM FMC FLUOROCARBON 矽胶SILICONE

丁氰橡胶圈丁苯高分子胶丁钠橡胶O令BUNA，氯醇氯丁CHLOROPRENE橡胶圈

橡胶垫片密封垫圈○型扁平密封圈模塑耐用密封件橡胶○型密封圈自润滑氢化丁氢橡胶圈

自润滑食品橡胶垫片密封垫圈○型扁平密封圈模塑耐用密封件橡胶○型密封圈阻燃UL94v.0等级

三元乙丙密封圈 氟矽胶圈 FFKM FFPM FFMC FVT全氟橡胶密封圈 FLAS氟碳橡胶 PA PTFE F4丙烯酸
异戊橡胶密封垫 顺丁材质聚乙烯 VAMAC 丙烯酸酯等橡胶圈材质总类。

规格达到8000多个橡胶圈尺寸，美标塑胶五金定制 密封圈日标 欧标/法标O型星型圈 国家标准光提橡胶圈
规格齐全，，规格8600个密封件尺寸系列 高精度橡胶部件标准与定制矩形圈 橡胶垫片 脚垫脚垫密封件X
星型圈ED圈胶塞件矽橡胶杂件产品开发橡胶零部件。采用德国美国日本塑料橡胶原胶产品，定制产品标
准非标模5000余套 标准件3500套 垫圈1500套模具食品级料EN549认证并符合NF T 47-501国标级FDA vI94v0
PAHS ROHS REACH DFA LFGB IATF16949-2016 × + - × ÷ %‰m² ± @ μm mgkg

0.4*137.3*13.9*1.14.8*1.2166.6*1.213.3*1.323.2*1.427.3*1.50.5*137.5*14*1.14.9*1.2207.6*1.213.5*1.324*1.427.5*1.5
0.6*138*14.1*1.15*1.22.5*1.2213.6*1.324.5*1.427.8*1.50.7*138.5*14.14*1.15.1*1.23.56*1.2213.89*1.325*1.428*1.50.7
5*138.7*14.2*1.15.2*1.24*1.2214*1.325.6*1.428.3*1.50.8*139*14.3*1.15.3*1.26.3*1.2214.17*1.326*1.428.5*1.50.9*13
9.5*14.6*1.15.4*1.27*1.2214.22*1.328.5*1.429*1.51*140*14.65*1.15.5*1.27.5*1.2214.4*1.329*1.429.3*1.51.15*140.5*
14.7*1.15.6*1.218.4*1.2214.5*1.330.1*1.429.5*1.51.2*141*14.75*1.15.7*1.252.56*1.2215*1.331.4*1.430*1.51.25*141.5
*14.8*1.15.8*1.272.5*1.2215.2*1.331.6*1.430.1*1.51.3*142*14.9*1.15.9*1.282*1.2215.5*1.332*1.430.5*1.51.35*142.2*
15*1.16*1.27.5*1.2315.6*1.332.2*1.431*1.51.4*142.5*15.1*1.16.2*1.23.86*1.2415.9*1.333*1.431.5*1.51.5*143*15.3*1.
16.4*1.28.03*1.2416*1.334.8*1.432*1.51.6*143.5*15.5*1.16.5*1.210.8*1.2416.28*1.335*1.432.5*1.51.65*144*15.7*1.1
6.6*1.212.9*1.2416.4*1.335.6*1.433*1.51.7*144.4*15.8*1.16.8*1.224.5*1.2416.5*1.3536.6*1.433.5*1.51.8*144.5*15.9*
1.16.9*1.252.1*1.2417*1.343*1.434*1.51.85*145*16*1.17*1.21.2*1.2517.4*1.343.6*1.434.2*1.52*145.5*16.2*1.17.1*1.
21.25*1.2517.5*1.351*1.434.5*1.52.1*146*16.3*1.17.2*1.21.4*1.2517.7*1.352*1.435*1.52.2*146.5*16.4*1.17.3*1.21.5*
1.2518*1.354.7*1.435.5*1.52.25*147*16.8*1.17.4*1.22*1.2518.2*1.358*1.436*1.52.3*147.6*17*1.17.5*1.22.1*1.2518.3
*1.360*1.436.3*1.52.31*148*17.1*1.17.6*1.22.3*1.2518.5*1.362*1.436.5*1.52.35*148.5*17.25*1.17.8*1.22.5*1.2519*1.
367*1.437*1.52.4*149*17.3*1.18*1.23*1.2519.4*1.370*1.437.3*1.52.44*150*17.6*1.18.1*1.23.3*1.2520*1.371.4*1.437.
5*1.52.5*151*17.8*1.18.2*1.23.8*1.2520.2*1.371.5*1.438*1.52.6*151.8*18*1.18.5*1.24*1.2520.5*1.382.7*1.438.5*1.52
.7*152*18.1*1.18.6*1.24.2*1.2520.6*1.383.2*1.439*1.52.8*152.5*18.5*1.18.7*1.24.35*1.2521.4*1.390.2*1.439.5*1.52.8
8*152.6*18.6*1.18.9*1.24.5*1.2521.7*1.3112.2*1.440*1.52.9*153*19*1.19*1.25*1.2522*1.34.19*1.4240.5*1.53*154*19
.2*1.19.1*1.25.2*1.2523*1.34.7*1.4241*1.53.05*155*19.6*1.19.2*1.25.9*1.2523.1*1.37.65*1.4241.3*1.53.1*155.5*19.8
*1.19.5*1.26*1.2523.5*1.312.29*1.4242*1.53.2*155.7*19.9*1.19.6*1.26.25*1.2524*1.315.49*1.4242.5*1.53.3*156*110*
1.19.8*1.256.5*1.2525*1.315.6*1.4243*1.53.4*156.5*110.8*1.110*1.27.1*1.2525.4*1.325*1.4343.5*1.53.5*157*110.9*1
.110.1*1.28*1.2525.5*1.323.28*1.4444*1.53.6*158*111.5*1.110.3*1.29*1.2525.6*1.30.9*1.4544.5*1.53.7*159*111.7*1.
110.5*1.29.5*1.2526*1.31.5*1.4545*1.53.75*159.5*111.8*1.110.6*1.29.8*1.2526.5*1.34*1.4545.5*1.53.8*160*112.5*1.
111*1.211*1.2527*1.34.5*1.4545.78*1.53.95*161*112.8*1.111.1*1.211.5*1.2528*1.34.6*1.4546*1.54*162*112.9*1.111.
4*1.29.5*1.2528.5*1.36.48*1.4547*1.54.15*162.5*1.513*1.111.6*1.29.8*1.2529*1.36.5*1.4547.5*1.54.2*163*113.7*1.1
11.8*1.210*1.2529.4*1.37.9*1.4548*1.54.3*164*113.8*1.112*1.210.75*1.2529.8*1.313*1.4548.5*1.54.35*164.5*114*1.
112.4*1.211.1*1.2530*1.318.1*1.4549*1.54.4*165*114.2*1.112.45*1.212*1.2531.4*1.320.63*1.4549.1*1.54.5*166*114.
8*1.112.5*1.212.9*1.2531.7*1.340*1.4549.4*1.54.6*167*114.9*1.112.6*1.213*1.2531.8*1.3102*1.4549.5*1.54.7*167.9*
115.2*1.112.8*1.214*1.2532*1.3128*1.4550*1.54.75*168*115.8*1.113*1.214.5*1.2532.7*1.34.31*1.4650.5*1.54.8*170*
116*1.113.1*1.215.8*1.2532.92*1.311.5*1.4651*1.55*171*117*1.113.4*1.216*1.2533*1.311.7*1.4651.5*1.55.2*171.2*1
17.1*1.113.5*1.216.3*1.2533.4*1.314.47*1.4651.8*1.55.28*172*117.6*1.113.6*1.216.5*1.2534.4*1.347.2*1.4652*1.55.
3*173*118*1.114*1.218*1.2534.7*1.34*1.4753*1.55.4*174*118.1*1.114.6*1.218.5*1.2535.5*1.35.13*1.4754*1.55.5*17
4.5*118.2*1.114.8*1.220.5*1.2535.6*1.315.11*1.4754.2*1.55.6*174.6*118.95*1.115*1.223.5*1.2536.4*1.315.49*1.4754
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4855*1.55.9*178*120*1.115.8*1.225*1.2537.4*1.34.65*1.4856*1.56*180*121*1.116*1.226*1.2537.7*1.30.7*1.557*1.56
.15*181*121.5*1.116.5*1.226.5*1.2538*1.31*1.558*1.56.2*182*121.7*1.116.6*1.229.6*1.2538.3*1.31.2*1.559*1.56.3*1
82.5*121.9*1.116.8*1.231*1.2539.7*1.31.25*1.560*1.56.5*182.8*122*1.117*1.232*1.2540*1.31.3*1.561*1.56.6*183*12
2.3*1.117.1*1.232.5*1.2541.2*1.31.4*1.562*1.56.7*185*122.6*1.117.5*1.237*1.2544.2*1.31.42*1.562.5*1.56.73*186*1
22.8*1.117.6*1.240.5*1.2547.4*1.31.45*1.563*1.56.8*187*123*1.117.7*1.241.2*1.2548.5*1.31.5*1.563.65*1.57*188*12
3.8*1.117.8*1.251*1.2549.5*1.31.65*1.564*1.57.1*188.2*124*1.118*1.260*1.2550.5*1.31.7*1.565*1.57.15*190*124.2*
1.118.4*1.262*1.2551.7*1.31.75*1.565.4*1.57.2*192*124.8*1.118.49*1.265*1.2552.7*1.31.8*1.565.5*1.57.5*192.1*125.
5*1.118.5*1.27.2*1.2653.4*1.31.85*1.566*1.57.6*193*126*1.118.6*1.220*1.2654.2*1.32*1.567*1.57.8*193.6*128.9*1.1
18.7*1.221.6*1.2654.5*1.32.2*1.568*1.57.85*194*129*1.119*1.21.07*1.2756.4*1.22.3*1.569*1.58*195*129.2*1.119.6*
1.21.7*1.2757*1.32.4*1.570*1.58.15*196.5*130*1.120*1.22.06*1.2760*1.32.5*1.571*1.58.25*197.4*130.2*1.120.5*1.22

.28*1.2765*1.32.6*1.571.5*1.58.3*199*131*1.120.6*1.22.39*1.2772.5*1.32.7*1.572*1.58.4*1100*132*1.121*1.23.25*1.2774*1.32.8*1.573*1.58.5*1103.5*133.5*1.121.2*1.23.28*1.2780*1.33*1.574*1.58.56*1104*134*1.121.5*1.23.68*1.2781.8*1.33.1*1.574.5*1.58.6*1106*135*1.121.6*1.23.8*1.2799.7*1.3*****1.575*1.58.7*1110*136*1.122*1.23.91*1.27100*1.33.3*1.576*1.58.8*1112*138.7*1.122.3*1.23.99*1.27100.5*1.33.5*1.577*1.58.9*1114*440*1.122.5*1.24.47*1.27106.5*1.33.55*1.578*1.59*1115*141.5*1.122.6*1.24.7*1.27108*1.33.61*1.579*1.59.1*1116*141.8*1.122.9*1.25.79*1.27109*1.33.7*1.580*1.59.2*1118*143*1.123*1.26.35*1.27114*1.33.8*1.581*1.59.24*1120*144*1.123.6*1.27.3*1.27124.7*1.33.9*1.581.5*1.59.4*1130*146*1.123.8*1.27.62*1.274.45*1.324*1.582*1.59.5*1134.35*150*1.124*1.28.38*1.2714.22*1.324.3*1.583*1.59.8*1135*152.7*1.124.4*1.28.5*1.2738*1.324.4*1.584*1.510*1138*153*1.124.5*1.28.64*1.2738.28*1.324.5*1.585*1.510*11.4*1140*154*1.124.6*1.28.94*1.2744.55*1.324.7*1.586*1.510.1*1145.5*154.8*1.125*1.29.3*1.2723.6*1.334.8*1.587*1.510.2*1150*160*1.125.2*1.210.82*1.2732.97*1.335*1.588*1.510.4*1151*177.2*1.125.4*1.211.89*1.271.6*1.355.2*1.590*1.510.5*1155*177.6*1.125.6*1.214.99*1.273.8*1.355.3*1.591*1.510.7*1158*181*1.126*1.215.88*1.274.55*1.355.5*1.592*1.510.8*1171*190*1.126.2*1.216.41*1.276.7*1.355.6*1.593*1.511*1178*1125*1.126.6*1.218.29*1.277*1.355.8*1.594*1.511.2*1181.5*1154*1.127*1.220.19*1.277.5*1.355.9*1.595*1.511.25*1220*1160*1.127.2*1.224.31*1.277.6*1.356*1.596*1.511.3*1270*1160.5*1.127.5*1.224.89*1.278.2*1.356.1*1.597*1.511.5*19.53*1.01188*1.127.6*1.224.99*1.278.85*1.356.2*1.598*1.511.65*111.66*1.017.04*1.1228*1.225.4*1.2712.3*1.356.3*1.598.4*1.511.7*10.74*1.0215*1.1228.2*1.227.43*1.2714.73*1.356.4*1.599*1.511.8*11.32*1.0258.1*1.1228.5*1.228.55*1.2715.7*1.356.5*1.5100*1.512*11.78*1.0277.16*1.1228.6*1.229.82*1.2716.5*1.356.6*1.5100.5*1.512.1*12.54*1.0221.08*1.1328.7*1.233.43*1.2720*1.356.65*1.5101*1.512.3*12.79*1.022.54*1.1429*1.234.67*1.2722.8*1.356.75*1.5102*1.512.5*12.9*1.023.05*1.1429.5*1.244.2*1.2725*1.356.8*1.5104*1.512.7*13.20*1.025.46*1.1429.6*1.51.69*1.2727*1.356.9*1.5105*1.512.8*13.73*1.026.1*1.1430*1.281.76*1.2728.3*1.357*1.5107*1.513*14.09*1.026.22*1.1430.2*1.2107*1.2732.5*1.357.1*1.5110*1.513.1*14.19*1.026.35*1.1430.5*1.2124.71*1.2739.15*1.357.2*1.5113.5*1.513.2*14.37*1.027.36*1.1430.6*1.2185.19*1.2741.5*1.357.3*1.5115*1.513.5*14.45*1.029.14*1.1431*1.253.99*1.2857.9*1.357.4*1.5116*1.513.7*14.57*1.0210.29*1.1431.6*1.24.5*1.2859*1.357.5*1.5120.5*1.514*16.63*1.0210.5*1.1432*1.29.55*1.2860*1.357.6*1.5122*1.514.1*17.18*1.0210.82*1.1432.18*1.220*1.28100*1.357.8*1.5127*1.514.2*1.17.2*1.029.25*1.1432.6*1.249.78*1.285.45*1.368*1.5128*1.514.4*17.62*1.0216.51*1.1432.7*1.2106.5*1.2825.6*1.368.2*1.5130*1.514.5*17.65*1.0221*1.1433*1.21*1.37.26*1.378.4*1.5136*1.515*18.5*1.0221.6*1.1433.5*1.21.1*1.37.65*1.378.5*1.5137*1.515.3*18.71*1.0240.64*1.1433.6*1.21.2*1.315.99*1.378.6*1.5138*1.515.5*19.4*1.021*1.1534*1.21.3*1.31.2*1.48.7*1.5147*1.515.6*111.66*1.021.3*1.1534.5*1.21.4*1.31.7*1.48.8*1.5150*1.516*112*1.022*1.1534.6*1.21.5*1.31.8*1.49*1.5157*1.516.5*113.46*1.022.8*1.1535*1.21.8*1.32*1.49.1*1.5165*1.516.6*116*1.023.3*1.1535.5*1.21.9*1.32.16*1.49.19*1.5171.5*1.516.8*1.218.42*1.023.35*1.1535.6*1.22*1.32.17*1.49.3*1.5172*1.517*123.62*1.023.55*1.1536*1.22.2*1.32.2*1.49.5*1.5177*1.517.15*159.49*1.024.7*1.1536.5*1.22.4*1.32.3*1.49.6*1.5180*1.517.2*179.16*1.024.8*1.1536.6*1.22.45*1.32.5*1.49.7*1.5182*1.517.3*16.5*1.035.25*1.1536.8*1.22.45*1.32.7*1.49.8*1.5190.5*1.517.5*112*1.0355.35*1.1537*1.22.5*1.32.8*1.49.9*1.5195*1.517.6*15.21*1.046.2*1.1537.6*1.22.6*1.33.2*1.410*1.5200*1.518*16*1.046.5*1.1538*1.22.7*1.33.63*1.410.2*1.5205*1.518.4*18.5*1.047.6*1.1538.5*1.22.79*1.33.66*1.410.5*1.5217*1.518.5*121.72*1.048.7*1.1539*1.23*1.33.8*1.410.7*1.5220*1.519*173.3*1.0411.19*1.1539.5*1.23.25*1.34*1.410.8*1.6254*1.519.4*11.1*1.0511.2*1.1540*1.23.4*1.34.2*1.411*1.5384*1.519.45*12.9*1.0520*1.1540.18*1.23.5*1.34.28*1.411.2*1.5388*1.519.5*12.95*1.0531.7*1.1540.3*1.23.6*1.34.3*1.411.5*1.51.32*1.5119.6*13*1.0548.8*1.1540*1.23.7*1.34.6*1.411.6*1.54*1.5120*13.5*1.0512.1*1.1641*1.23.8*1.34.7*1.411.8*1.51.42*1.5220.4*13.8*1.0569.2*1.1641.6*1.23.9*1.34.8*1.411.89*1.51.78*1.5220.5*14.8*1.053.86*1.1742*1.24*1.34.85*1.412*1.53.68*1.5220.7*15.8*1.055.01*1.1742.4*1.24.2*1.35*1.412.2*1.54.2*1.5221*16*1.055.07*1.1742.6*1.24.3*1.35.2*1.412.3*1.56.8*1.5221.5*16.2*1.055.69*1.1743*1.24.4*1.35.4*1.412.5*1.57.26*1.5222*16.5*1.057.06*1.1743.5*1.24.5*1.35.7*1.413*1.511.17*1.5222.2*17*1.057.6*1.1743.65*1.24.6*1.36*1.413.2*1.514.6*1.5222.5*18.6*1.0517.9*1.1744.6*1.24.7*1.36.3*1.413.25*1.518.08*1.5222.6*110*1.0519*1.1745*1.24.75*1.36.5*1.413.3*1.520.83*1.5223*112*1.0528.7*1.1746*1.24.9*1.36.7*1.413.5*1.527.31*1.5223.1*112.5*1.051.44*1.1946.5*1.25*1.36.8*1.413.6*1.533.12*1.5223.26*112.85*1.052.29*1.1946.6*1.25.1*1.37.1*1.413.8*1.551.82*1.5223.5*113*1.053.3*1.1947.6*1.25.3*1.37.2*1.414*1.5109.32*1.5224*120*1.053.5*1.1948*1.25.4*1.37.3*1.414.5*1.51.42*1.5324.2*1.121*1.053.63*1.1948.4*1.25.5*1.37.55*1.414.6*1.513.4*1.5324.38*123*1.054.76*1.1948.6*1.26*1.37.6*1.415*1.513.5*1.5324.5*134*1.057.21*1.1948.8*1.26.07*1.37.7*1.415.1*1.519.1*1.5324.8*146.6*1.057.44*1.1950.6*1.26.2*1.37.8*1.415.2*1.521.5*1.5425*1125.3*1.057.49*1.1951.2*1.26.22*1.38*1.415.3*1.52.2*1.5525.4*11.80*1.0611.61*1.1952.6*1.26.4*1.38.2*1.415.5*1.52.4*1.5525.5*15.5*1.0636.91*1.1953.5*1.26.5*1.38.6*1.415.6*1.53.5*1.5526*11.3*1.0742.47*1.1953.6*1.26.6*1.38.7*1.415.8*1.53.56*1.5526.2*12.87*1.0754.38*1.1954*1.26.8*1.38.8*1.415.9*1.54.3*1.5526.4*14.22*1.071.1*1.254.4*1.27*1.39*1.416*1.55.2*1.5526.5*16.99*1.071.2*1.256*1.27.15*1.39.4*1.416.5*1.55.8*1.5526.6*18.5*1.071.3*1.258*1.

27.2*1.39.5*1.417*1.56.44*1.5527*110.3*1.071.4*1.258.1*1.27.3*1.39.7*1.417.17*1.56.75*1.5527.3*113.74*1.071.5*1.258.6*1.27.5*1.310*1.417.5*1.57.5*1.5527.4*10.85*1.0751.6*1.260*1.27.7*1.310.4*1.417.8*1.58*1.5527.5*11.15*1.081.7*1.261.3*1.27.95*1.310.5*1.418*1.510.5*1.5528*11.5*1.081.8*1.263*1.28*1.310.6*1.418.5*1.511.6*1.5528.5*11.7*1.081.9*1.265*1.28.28*1.310.82*1.419*1.513.2*1.5529*12.35*1.082*1.266.6*1.28.4*1.311*1.419.5*1.514.7*1.5529.5*13*1.082.1*1.267.5*1.28.5*1.312*1.419.51*1.516*1.5529.7*13.97*1.082.3*1.267.8*1.28.65*1.312.3*1.419.95*1.518*1.5530*14*1.082.4*1.270*1.28.8*1.312.42*1.420*1.519.05*1.5530.5*18.5*1.082.5*1.271*1.28.9*1.313*1.420.46*1.521*1.5531*11.5*1.092.6*1.272.51*1.29*1.313.2*1.420.5*1.523.5*1.5531.5*12.79*1.092.8*1.273.6*1.29.14*1.313.5*1.420.8*1.524.5*1.5531.75*13.81*1.092.9*1.275.1*1.29.2*1.314.1*1.420.9*1.538.1*1.5532*15.72*1.093*1.275.5*1.29.4*1.315*1.421*1.547*1.5532.5*16.99*1.0793.1*1.276*1.29.5*1.315.5*1.421.5*1.548*1.5533*113.0*1.093.2*1.279.6*1.29.7*1.315.6*1.421.6*1.573.5*1.5533.5*10.4*1.13.3*1.280*1.210*1.316*1.421.78*1.52.25*1.5633.6*1.20.5*1.13.4*1.281*1.210.2*1.316.2*1.421.9*1.56.05*1.5634*11.4*1.13.5*1.281.76*1.210.3*1.317*1.422*1.56.5*1.5634.5*11.44*1.13.6*1.281.8*1.210.4*1.317.2*1.422.5*1.510.88*1.5634.6*11.8*1.13.8*1.287*1.210.5*1.317.7*1.423*1.59.5*1.5734.7*12*1.13.85*1.287.6*1.211*1.318*1.423.5*1.510.1*1.5735*12.13*1.13.97*1.290.4*1.211.3*1.318.92*1.424*1.516.51*1.5735.2*12.4*1.14*1.291*1.211.5*1.319.5*1.424.4*1.517.53*1.5735.3*13.7*1.14.1*1.295.7*1.211.6*1.319.6*1.424.5*1.517.63*1.5735.5*12.4*1.14.2*1.297*1.211.9*1.321*1.425*1.51.42*1.5835.8*12.8*1.14.3*1.2101.5*1.212*1.321.2*1.425.5*1.51.98*1.5836*12.9*1.14.35*1.2109*1.212.2*1.321.6*1.425.7*1.57.1*1.5936.1*13*1.14.5*1.2111.6*1.212.5*1.322*1.426*1.57.93*1.5936.5*13.5*1.14.6*1.2126*1.213*1.322.2*1.426.5*1.510*1.5937*13.8*1.14.7*1.2150*1.213.2*1.323*1.427*1.527.9*1.591.4*1.45*1.47*1.5-1.55-1.590.8*1.6103*1.615.7*1.7559.5*1.788.1*1.846.4*1.8104.14*1.8528.7*1.91.2*1.6183*1.619*1.7560.05*1.788.2*1.846.5*1.87.5*1.8629*1.91.3*1.6204.3*1.620*1.7560.5*1.788.3*1.847*1.812.3*1.8629.2*1.91.6*1.6210.9*1.622.7*1.7562*1.788.4*1.847.5*1.82.79*1.8729.6*1.91.8*1.6211*1.629*1.7562.6*1.788.5*1.848*1.88.3*1.8729.7*1.91.66*1.6220.5*1.630.5*1.7562.75*1.788.6*1.848.5*1.814.6*1.8730*1.92*1.6224.4*1.678*1.7563.22*1.788.75*1.848.7*1.827*1.8730.2*1.92.01*1.6278*1.6232*1.7563.395*1.788.8*1.849.5*1.85.69*1.8831*1.92.1*1.66.07*1.625.34*1.7664*1.788.9*1.850*1.86.25*1.8831.2*1.92.2*1.67*1.625.4*1.7664.39*1.789*1.850.5*1.87.1*1.8831.5*1.92.3*1.67.1*1.627.1*1.7664.75*1.789.1*1.850.8*1.87.97*1.8832*1.92.5*1.67.48*1.62111.5*1.7766.4*1.789.2*1.851*1.841.4*1.8832.2*1.92.57*1.60.83*1.631.78*1.7869.35*1.789.25*1.851.4*1.80.2*1.933.2*1.92.7*3.11.35*1.632.57*1.7869.57*1.789.3*1.851.5*1.81.1*1.934.2*1.92.75*1.66.02*1.632.8*1.7871*1.789.4*1.852*1.81.2*1.935.2*1.92.8*1.66.07*1.632.85*1.7872.75*1.789.5*1.852.5*1.81.6*1.935.4*1.92.85*1.67.65*1.632.9*1.7874.93*1.789.6*1.853*1.81.7*1.935.5*1.92.9*1.68*1.633.35*1.7875.92*1.789.7*1.853.4*1.81.8*1.936.2*1.93*1.68.25*1.633.39*1.7876.5*1.789.75*1.853.5*1.82*1.936.7*1.93.1*1.697.79*1.633.43*1.7877.06*1.789.8*1.853.7*1.82.2*1.937.2*1.93.2*1.61.9*1.653.64*1.7877.19*1.789.9*1.854*1.82.4*1.938*1.93.35*1.62.7*1.653.68*1.7878.4*1.7810*1.854.5*1.82.5*1.938.2*1.93.4*1.62.8*1.653.69*1.7879*1.7810.2*1.854.79*1.82.6*1.938.8*1.93.5*1.63.02*1.653.94*1.7879.22*1.7810.3*1.855*1.82.7*1.939.2*1.93.55*1.63.2*1.654.4*1.7880.44*1.7810.4*1.856*1.82.8*1.939.5*1.93.7*1.63.7*1.654.47*1.7880.67*1.7810.5*1.856.2*1.82.9*1.940*1.93.8*1.64*1.654.67*1.7882*1.7810.6*1.857*1.83*1.940.2*1.93.9*1.64.7*1.654.76*1.7882.27*1.7810.8*1.857.4*1.83.1*1.941.2*1.94*1.65.5*1.654.78*1.7882.77*1.7810.9*1.858*1.83.2*1.942.2*1.94.1*1.65.7*1.654.87*1.7885.34*1.7811*1.858.8*1.83.4*1.943.2*1.94.3*1.65.9*1.655.12*1.7886.92*1.7811.1*1.859*1.83.5*1.943.7*1.94.5*1.66*1.655.28*1.7888.5*1.7811.2*1.859.4*1.83.6*1.944*1.94.6*1.67.75*1.655.29*1.7888.62*1.7811.3*1.860*1.83.7*1.944.2*1.94.7*1.67.9*1.655.74*1.7889.34*1.7811.35*1.7861.5*1.83.8*1.945*1.94.75*1.68.15*1.655.89*1.7890*1.7811.4*1.861.8*1.83.9*1.945.2*1.94.8*1.68.2*1.656.07*1.7891.7*1.7811.5*1.862*1.84*1.946*1.94.9*1.69*1.656.1*1.7894.97*1.7811.6*1.862.6*1.84.2*1.946.2*1.95*1.69.25*1.656.35*1.7895*1.7811.8*1.863*1.84.3*1.947.2*1.95.1*1.69.78*1.656.5*1.7897.36*1.7812*1.863.2*1.84.4*1.948*1.95.2*1.69.87*1.656.7*1.7897.82*1.7812.1*1.864*1.84.47*1.948.2*1.95.3*1.69.9*1.656.74*1.7898.05*1.7812.2*1.864.8*1.84.5*1.949.2*1.95.4*1.610.8*1.656.75*1.78101.32*1.7812.3*1.865*1.84.6*1.950.2*1.95.5*1.611*1.656.8*1.78102.6*1.7812.4*1.866.2*1.84.7*1.950.5*1.95.7*1.612*1.656.86*1.78103.1*1.7812.5*1.866*1.84.8*1.951*1.95.8*1.612.2*1.657*1.78104.4*1.7812.64*1.866.4*1.84.9*1.951.2*1.95.9*1.612.7*1.657.05*1.78107.67*1.7812.7*1.867*1.85*1.952.2*1.96*1.612.8*1.657.37*1.78110.74*1.7812.8*1.867.4*1.85.1*1.952.5*1.96.07*1.614*1.657.65*1.78111.5*1.7812.9*1.868*1.85.2*1.953.2*1.96.1*1.614.5*1.657.8*1.78114*1.7813*1.869*1.85.28*1.954.2*1.96.2*1.614.7*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814*1.9124*1.921*1.613*1.719.2*1.781.87*1.824.7*1.8142*1.814.2*1.9125*1.921.1*1.613.1*1.719.5*1.781.9*1.825*1.8
145*1.814.4*1.9126.2*1.921.6*1.614*1.720*1.782*1.825.5*1.8145.3*1.814.7*1.9131.2*1.922*1.614.3*1.720.33*1.782.2
4*1.825.6*1.8146.4*1.814.8*1.9136.2*1.922.1*1.614.5*1.720.35*1.782.4*1.825.8*1.8150.3*1.815*1.9139.5*1.922.5*1.6
14.6*1.721*1.782.5*1.826*1.8152*1.815.2*1.9139.9*1.922.8*1.615.1*1.721.2*1.782.6*1.826.4*1.8155*1.815.4*1.9141.
2*1.923*1.615.6*1.721.41*1.782.7*1.826.5*1.8165.6*1.815.5*1.9146.2*1.923.1*1.616*1.721.92*1.782.8*1.826.7*1.817
0*1.815.6*1.9151.2*1.923.3*1.616.3*1.721.95*1.782.9*1.827*1.8183*1.815.7*1.9156.2*1.923.81*1.616.6*1.722*1.783*
1.827.3*1.8183.6*1.815.72*1.9165.8*1.924*1.617.1*1.722.22*1.783.1*1.827.4*1.8185.4*1.815.8*1.9166.2*1.924.5*1.61
7.17*1.723*1.78****1.827.5*1.8188*1.816*1.9168.2*1.925*1.618*1.723.2*1.783.2*1.827.6*1.8188.2*1.816.2*1.9176.2
*1.925.1*1.618.2*1.723.5*1.783.3*1.828*1.8190*1.816.4*1.9180*1.925.2*1.618.77*1.723.52*1.783.4*1.828.3*1.8191*1.
816.5*1.9180.34*1.925.6*1.619*1.723.6*1.783.5*1.828.5*1.8195*1.816.6*1.92.16*1.9126*1.620.05*1.724.09*1.783.55*
1.828.8*1.8199.9*1.816.7*1.99.66*1.9126.5*1.620.35*1.724.17*1.783.65*1.829*1.8200*1.816.8*1.910.03*1.9127*1.620
.7*1.724.5*1.783.7*1.829.3*1.8205*1.816.95*1.912.7*1.9127.1*1.620.8*1.725.12*1.783.75*1.829.4*1.8219*1.817*1.91
3.41*1.9127.5*1.621.95*1.725.21*1.783.78*1.830*1.8220*1.817.2*1.914.83*1.9127.9*1.622*1.726.7*1.783.8*1.830.2*1
.8224.5*1.817.5*1.918.8*1.9128*1.622.9*1.727.5*1.783.9*1.830.4*1.8228.5*1.817.8*1.937.92*1.9128.3*1.625*1.728.3*

1.784*1.830.5*1.8230.2*1.818*1.9140.46*1.9128.6*1.626*1.729*1.784.1*1.831*1.8240.2*1.818.2*1.9165.74*1.9129*1.6
27.5*1.729.87*1.784.2*1.831.5*1.8319.7*1.818.4*1.94.4*1.9229.1*1.629.87*1.730.47*1.784.3*1.832*1.8350*1.818.5*1.
94.7*1.9229.3*1.631.47*1.731.47*1.784.4*1.832.5*1.8370*1.818.6*1.97.9*1.9230*1.631.86*1.732*1.784.47*1.833*1.84
30*1.818.77*1.915.3*1.9230.5*1.632*1.732.27*1.784.5*1.833.1*1.8435*1.818.8*1.94.32*1.9331.5*1.633.05*1.732.66*1
.784.6*1.833.5*1.8495*1.819*1.95.2*1.9332*1.634.65*1.733.05*1.784.7*1.834*1.8502*1.819.2*1.96.15*1.9332.1*1.637
*1.733.05*1.784.75*1.834.5*1.8590*1.819.8*1.97.8*1.9333*1.641*1.734.5*1.784.8*1.834.9*1.8715*1.819.9*1.97.92*1.9
333.5*1.648*1.734.65*1.784.87*1.835*1.823.62*1.8220*1.99.5*1.9334*1.648.5*1.735.1*1.784.9*1.835.3*1.828.46*1.82
20.2*1.99.7*1.9335.1*1.650.2*1.735.3*1.785*1.835.4*1.850*1.8220.3*1.911*1.9337*1.650.6*1.736*1.785.1*1.835.5*1.8
1.6*1.8320.5*1.915.6*1.9337.1*1.652*1.736.27*1.785.15*1.836*1.81.75*1.8321*1.915.67*1.9338.2*1.655.5*1.736.5*1.
785.2*1.836.3*1.88.92*1.8321.2*1.921.95*1.9339*1.666*1.737.44*1.785.28*1.836.4*1.89.25*1.8321.3*1.926.37*1.9339
.5*1.681*1.737.5*1.785.3*1.836.5*1.89.17*1.8321.5*1.97.8*1.9440*1.682.4*1.737.82*1.785.4*1.837*1.89.7*1.8321.6*1.
99.8*1.9444.17*1.699*1.738.1*1.785.5*1.837.2*1.810.52*1.8321.7*1.916*1.9446*1.6100*1.739.45*1.785.6*1.837.4*1.8
28.3*1.8322*1.92.7*1.9547*1.6122.49*1.740*1.785.8*1.837.5*1.811.82*1.8422.1*1.93.4*1.9548.1*1.6160*1.741*1.785.
9*1.837.8*1.81*1.8522.2*1.97.65*1.9549*1.65.4*1.7143.5*1.786*1.838*1.82.9*1.8522.5*1.98.63*1.9550*1.622*1.7243.
75*1.786.1*1.838.5*1.82.95*1.8522.7*1.915*1.9551.1*1.67.94*1.7344.12*1.786.2*1.838.7*1.8*****1.8523.2*1.916*1.9
551.8*1.6107.67*1.7344.17*1.786.25*1.839.2*1.83.68*1.8523.3*1.919.45*1.9552*1.63.68*1.7444.72*1.786.3*1.840*1.8
4.5*1.8523.5*1.921*1.9554*1.65.94*1.7445.84*1.786.4*1.840.4*1.86.7*1.8523.6*1.924*1.9555.4*1.68.5*1.7446.02*1.7
86.5*1.841*1.89*1.8524*1.924.5*1.9557*1.61.5*1.7547.35*1.786.6*1.841.2*1.89.5*1.8524.2*1.928.5*1.9559*1.62.31*1.
7547.5*1.786.7*1.842*1.89.76*1.8524.7*1.966.4*1.9561*1.62.6*1.7547.6*1.786.8*1.842.3*1.810*1.8525*1.970*1.9563.
5*1.63.68*1.7547.63*1.786.9*1.842.4*1.810.4*1.8525.2*1.9144*1.9565*1.64*1.7550.52*1.787*1.842.5*1.811.7*1.8525.
5*1.913.1*1.9668*1.65*1.7551.4*1.787.1*1.843.3*1.812.93*1.8525.6*1.9192.74*1.9670.5*1.65.28*1.7552.5*1.787.2*1.
843.5*1.813.67*1.8526.2*1.911.89*1.9871.5*1.66.45*1.7553.57*1.787.3*1.843.7*1.813.9*1.8526.26*1.915.85*1.9872.2
*1.66.75*1.7553.67*1.787.4*1.844*1.818.58*1.8526.3*1.923.49*1.9875*1.68.92*1.7553.7*1.787.5*1.844.2*1.820.5*1.8
526.7*1.923.82*1.9880*1.610.8*1.7553.78*1.787.6*1.844.4*1.821.41*1.8527.2*1.928.32*1.9884*1.611.1*1.7555*1.787.
65*1.844.7*1.823.52*1.8527.6*1.945.5*1.9886*1.611.3*1.7556.2*1.787.7*1.845*1.828.3*1.8527.7*1.9139.23*1.9892*1.
611.5*1.7556.8*1.787.8*1.845.8*1.854.2*1.8528*1.9173.85*1.9899.9*1.612.42*1.7556.87*1.787.9*1.846*1.868*1.8528.
2*1.95.98*1.99101*1.614.2*1.7559*1.788*1.846.2*1.897*1.8528.3*1.90.8*236*2135.5*26.4*2.116.5*2.211.6*2.312.8*2.
449.7*2.4