

Continue



































sprayer tip to use for your project. Fortunately, there are only a few questions you need to ask yourself to figure that out. This section will help you choose the right spray tip size for the job by covering the decision making process and the three questions you need to ask yourself in detail. Firstly, you need to ask yourself how thick the material is that you plan on using. Thin materials will need an orifice between 0.009 to 0.013 of an inch (tip size number X09 to X13), while thicker materials will require a flow between 0.021 to 0.025 of an inch (tip size number X21 to X25). If you're unsure of the thickness of your material, see the table below: ThinMediumHeavyVery HeavyClear coat lacquerVarnish (< low VOC)ShellacTransparent stainWater sealersWaterborne lacquerAcrylicsPrimerPaintEnamelsPolyurethaneSolid stainlow VOC varnishSmooth elastomericsHeavy latexIntumescentsElastomericsBlockfillersIntumescentsOnce you've determined the orifice size needed, you can narrow down your search based on the fan width. You should still have a couple options at this point, so ask yourself how large your project is and how much surface you'd like to cover as you spray. If your project is small to medium sized, choose the smaller option. If your project is larger, go with the larger fan width. If you're unsure of the size of your project, see the table below for some examples:SmallerSmallMediumLargeXLChairCabinetsWallsFull roomHome exteriorAs an example of how you'd make your decision, if your choices are a 415 or 515 tip, choose the 415 for an 8-inch fan width to cover less surface, or the 515 tip for a 10-inch fan width to cover more surface. Based on the chart below, these are the spray tips that are compatible with each of the paint types and job sizes you chose from above:Incorrect usage of split cellThin Paint or StainMedium PaintHeavy PaintVery Heavy PaintSmaller Job209-213Incorrect usage of empty cellIncorrect usage of empty cellIncorrect usage of empty cellSmall Job309-313312-319Incorrect usage of empty cellIncorrect usage of empty cellMedium Job409-413412-419421-425Incorrect usage of empty cellLarge JobIncorrect usage of empty cell512-519521-525525-539XL JobIncorrect usage of empty cell612-619621-625625-639After choosing the size you'd like to use, all that's left is to determine which of your remaining options are compatible with your paint sprayer brand and model. Be sure to review the tip's packaging if you're shopping in-store or do additional research online to confirm the tip will work with your sprayer before you make your purchase. Follow along with these steps to find the right spray tip for your job size. Now that paint sprayer tips have been explained, you're ready to explore what's available for your next DIY project. However, if you think you'd rather go the professional route instead, the City Painters are here to help. Contact us here or give us a call to get a free quote for your project.