



Submittal Manager

FOR P&M CONTRACTORS

TRIM 50-75% OFF TIME IT TAKES TO CREATE SUBMITTALS

How it works: Our database contains over a million up-to-date catalog pages, installation instructions, specification and MSDS sheets for the plumbing/mechanical industry. You simply load a list of UPC numbers and it's matched against our database. Matches are returned in seconds with the most current catalog pages so you no longer have to hunt down every last one and are automatically filed in the MasterFormat®.

WE MAKE IT EASY

Every job is different, but many times the materials used aren't. Submittal Manager lets you store frequently used and edited pages. These user-created 'templates' can then be reused in future jobs so you don't need to repeat the same work over and over on parts you use all the time.

To really speed things up, upload a part list extracted directly from your estimating system (or from your takeoff if you use Trimble® AutoBid® Mechanical) and have Submittal Manager do the work for you. During the upload process, for each part that Submittal Manager recognizes, its associated catalog page is automatically added to your

submittal package. A part list of several hundred items can be used to retrieve all the needed catalog pages in seconds vs. multitude of hours it would typically take to find the pages individually.

A COMPLETE SUBMITTAL SOLUTION

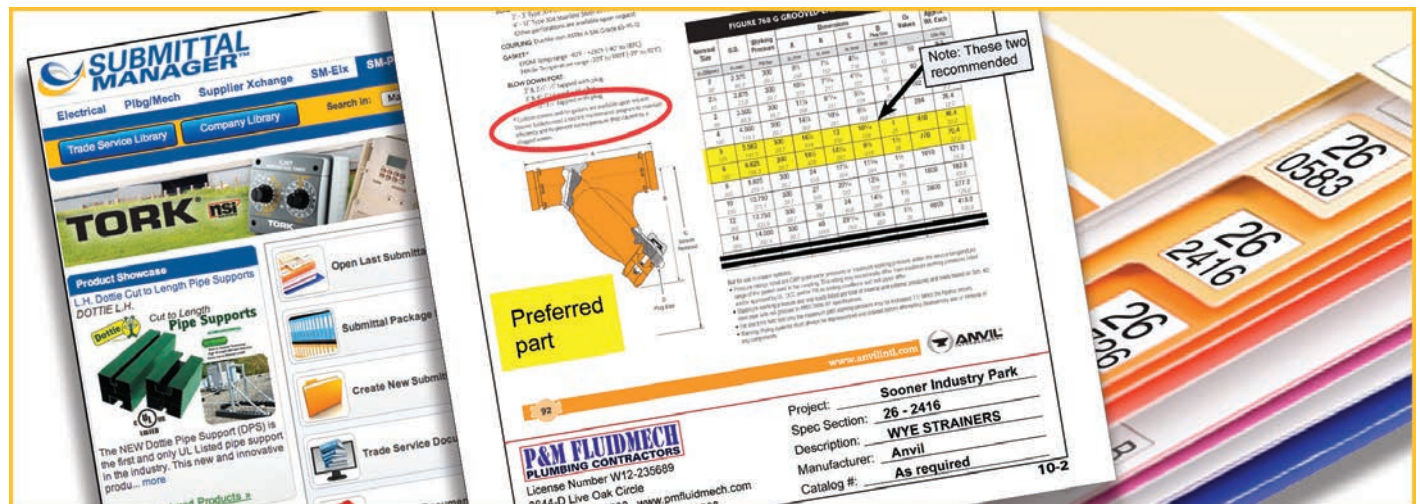
We include mark-up tools that are comprehensive but simple to use so you can point arrows, highlight or sticky-note as much as you need to. Present your submittal package professionally using our built-in formatting options: table of contents, page numbering, stamps, or even a company logo added to every page. You can include header and footer sections, cover pages, dividers and tabs to make it a very clean document that's easy to read and one that will impress. Send it via email as a PDF to not only save time, but also save on paper and shipping costs.

ORGANIZE & MANAGE SUBMITTALS EFFICIENTLY

Organizing the countless documents associated with a submittal package can be quite a challenge. That's why Submittal Manager is constructed to automatically organize your documents based on the industry standard Construction Specifications Institute (CSI) MasterFormat®.

Top Benefits

- ▶ Library of over **1 million plumbing/mechanical items** with catalog pages & technical specifications
- ▶ Uploading your item list to Submittal Manager automatically finds and **adds corresponding catalog pages** directly to your submittal
- ▶ **Create templates** of your most frequently used items so that you can quickly copy them into new submittals
- ▶ Classify documents to the industry standard **CSI MasterFormat®**
- ▶ Comprehensive tools to **mark-up your PDFs**
- ▶ **Formatting options** allow you to add job information, company logos, headers/footers and numbers to each page



DYNAMIC TOOLS AT YOUR DISPOSAL

Not only do you have access to over a million up-to-date catalog pages (such as this sample page) from our database, but we also provide you with a host of dynamic tools to mark them up to your specifications. You can even upload your own image and stamp it on to the page wherever you want. Shown here are just a few examples of the ways you can mark up a document.

Submittal Manager generates a table of contents and automatically keeps it up to date as you make changes. This saves you countless hours when the addition of last-minute pages would normally mean having to completely redo the whole table of contents. If you want to shave up to **75% off the time** it takes to produce your submittals, examine the tools highlighted on this image.

Table of Contents
Auto-generates and auto-updates.

Hotlinked PDFs
Create PDFs with automatically linked manufacturer names and document titles.

Spec #	Section	Type	User Description	Doc #
15000	Mechanical Systems			
15140	CHWS/R			
cuXBW				
Cerrotube	Pipe	Type L Hard Copper Tube		1
Anvil	Pipe Branch Connection	3000# Forged Steel Weld-O-Let and Thread-O-Let		2
Bell & Gossett	Air Vent	107A - High Capacity Air Vent		3
Bell & Gossett	Valve	Circuit Setter		4
Bell & Gossett	Pump Accessory	Suction Diffuser		5
Flexitallic	Gasket	150# Full Face Gasket		6
Keckley	Strainer	Cast Iron Y-Strainer		7
Metraflex	Expansion Joint	Flex Connection		8
Nibco	Valve	Class 150 200PSI Butterfly Valve Lug style		9
Nibco	Check Valve	Class 125lbs 200 PSI Check Valve		10

VALVES AND ACCESSORIES

MODEL 768G

Globally Sourced Grooved-end "Wye" Strainer

The Grooved-end Wye-Strainers are designed to strain debris and foreign matter from piping systems and thus provide inexpensive protection for costly pumps, meters and other components. The Strainer can be installed quickly and easily with two mechanical couplings and the straight flow through design provides for lower pressure drop. This strainer features a stainless steel screen that is secured with an end cap and mechanical coupling. Cleaning and maintenance of the screen can be accomplished easily by removing the coupling. The Strainer is suitable for vertical and horizontal installations.

Preferred part

MATERIAL SPECIFICATIONS

BODY: Ductile iron ASTM A 536 Grade 65-45-12
END CAP: Ductile iron ASTM A 536 Grade 65-45-12
SCREEN:
 2" - 3" Type 304 Stainless Steel to ASTM A 240 - 1/16" (1.6 mm) perforations
 4" - 12" Type 304 Stainless Steel to ASTM A 240 - 1/8" (3.2 mm) perforations
 Other perforations are available upon request
COUPLING: Ductile iron ASTM A 536 Grade 65-45-12
GASKET:
 EPDM Temp range -40°F - +230°F (-40° to 110°C)
 Viton Temp range -20°F to 180°F (-29° to 82°C)

BLOW DOWN PORT:
 2" & 2 1/2" 1/2" tapped with plug.
 3" & 4" 1" tapped with plug.
 6" - 12" 1 1/2" tapped with plug.

Values for flow of water at +60°F (+16°C)

$$C_v = \frac{Q}{\sqrt{\Delta P}}$$

Where:
 Q = Flow (GPM)
 C_v = flow coefficient
 ΔP = Pressure drop (PSI)

Note: Confirm the pressure drop

Nominal Size	O.D.		Working Pressure	Dimensions				Cv Values	Approx. Wt. Each
	In./mm	In./mm		A	B	C	D Plug Size		
2	2.375	300	9 3/4	7 1/4	4 9/16	1/2	59	9.3	
50	60.3	20.7	248	192	116	12		4.2	
2 1/2	2.875	300	10 3/4	7 3/4	4 9/16	1/2	92	13.2	
65	73.0	20.7	273	211	122	12		6.0	
3	3.500	300	11 3/4	8 1/4	5 1/4	1	162	18.0	
80	88.9	20.7	298	237	129	25		8.2	
4	4.500	300	14 1/4	10 3/4	6 1/4	1	284	26.4	
100	114.3	20.7	362	281	168	25		12.0	
5	5.563	300	16 1/4	13	10 3/4	1	410	46.4	
125	141.3	20.7	419	330	258	25		22.0	
6	6.625	300	18 1/4	14 1/4	8 1/4	1 1/2	770	70.4	
150	168.3	20.7	470	357	219	38		32.0	
8	8.625	300	24	17 1/4	11 3/4	1 1/2	1010	121.0	
200	219.1	20.7	610	454	284	38		55.0	
10	10.750	300	27	20 3/4	12 1/4	1 1/2	1800	182.6	
250	273.1	20.7	686	522	320	38		83.0	
12	12.750	300	30	24	14 1/4	1 1/2	2800	277.2	
300	323.9	20.7	762	609	368	38		126.0	
14	14.000	300	40	29 1/4	18 1/4	1 1/2	4600	418.0	
350	355.6	20.7	1016	760	480	38		190.0	
16	16.000	300	42	30 3/4	19	1 1/2	5800	495.0	

Not for use in copper systems.
 • Pressure ratings listed are CWP (cold water pressure) or maximum working pressure within the service temperature range of the gasket used in the coupling. This rating may occasionally differ from maximum working pressures listed and/or approved by U.L., U.L.C., and/or FM as testing conditions and test pipes differ.
 • Maximum working pressure and end loads listed are total of internal and external pressures and loads based on Sch. 40 steel pipe with roll grooves to ANSI C606-97 specifications.
 • For one time field test only the maximum joint working pressure may be increased 1 1/2 times the figures shown.
 • Warning: Piping systems must always be depressurized and drained before attempting disassembly and/or removal of any components.

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www.anvilintl.com

P&M FLUIDMECH

Project: Sooner Industry Park

Spec Section: 26 - 2416

Description: WYE STRAINERS

Manufacturer: Anvil

Catalog #: As required

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Sticky Notes
Iconic yellow notes allow you to draw attention to your comments.

Arrows
Use arrows to point to a specific item or image.

Text boxes
Text can be added in a variety of sizes and fonts.

Geometric Shapes
Create and format geometric shapes to emphasize certain areas.

Highlighter
Apply highlighting to an area. Several colors available, including grayscale for better printing if in black and white.

Blackout
Strikethrough allows you to cross things out completely.

Headers & Footers
Header and/or footer templates can be set up to include your company information and logo, as well as vital project details. The header/footer is added to every page, and product specific information is automatically applied.

Pagination
Automatically number the pages of your entire submittal. Switch things up, and the page numbers will automatically adjust.

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ADDITIONAL BENEFITS

- ▶ Uploading an item list automatically finds and adds corresponding catalog pages to your submittal
- ▶ Use your takeoff or Bill of Materials from within Trimble AutoBid Mechanical to build a submittal
- ▶ Classifies documents to the industry standard MasterFormat
- ▶ Create submittal templates for frequently used items
- ▶ Comprehensive tools to mark-up your PDFs
- ▶ Increase professionalism by adding a Table of Contents, or job information, company logos, headers/footers and numbers to each page
- ▶ Other documents in the library include: MSDS sheets, product specifications, and installation instructions
- ▶ Trim paper, printing, and shipping costs by emailing submittal packages
- ▶ You have ultimate control to change the names, sequence, and categorization of documents and determine who can edit the package
- ▶ Submittals are permanently archived for instant access
- ▶ Database is constantly updated with information direct from manufacturers

SYSTEM REQUIREMENTS

- ▶ Internet connection
- ▶ Microsoft® Internet Explorer 8.0 or greater Web browser, Chrome, Firefox
- ▶ Adobe® Acrobat® Reader 5.0 or greater

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