

**Schedule 80 PVC Industrial Products & Accessories  
True Union 2000 Industrial Ball Check Valves**



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant  
 Contact Spears® for Pricing & Availability  
 on Custom Elastomer Seals  
 See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

**PVC Industrial**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	4529-005 <b>56.36</b>	4539-005 <b>63.52</b>	1	18	604
<b>3/4</b>	4529-007 <b>67.20</b>	4539-007 <b>70.93</b>	1	18	604
<b>1</b>	4529-010 <b>79.93</b>	4539-010 <b>89.09</b>	1	18	604
<b>1-1/4</b>	4529-012 <b>116.72</b>	4539-012 <b>131.00</b>	1	12	604
<b>1-1/2</b>	4529-015 <b>134.05</b>	4539-015 <b>148.78</b>	1	8	604
<b>2</b>	4529-020 <b>183.02</b>	4539-020 <b>203.51</b>	1	8	604

**Socket Ends**

<b>2-1/2</b>	4522-025 <b>443.72</b>	4532-025 <b>472.58</b>	1	0	605
<b>3</b>	4522-030 <b>564.68</b>	4532-030 <b>632.98</b>	1	0	605
<b>4</b>	4522-040 <b>832.33</b>	4532-040 <b>876.92</b>	1	0	605
<b>6</b>	4522-060 <b>1636.75</b>	4532-060 <b>1813.96</b>	1	0	558
<b>8</b>	4522-080 <b>2181.25</b>	4532-080 <b>2417.89</b>	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

**Threaded Ends**

<b>2-1/2</b>	4521-025 <b>443.72</b>	4531-025 <b>472.58</b>	1	0	605
<b>3</b>	4521-030 <b>568.31</b>	4531-030 <b>637.46</b>	1	0	605
<b>4</b>	4521-040 <b>832.33</b>	4531-040 <b>876.92</b>	1	0	605
<b>6</b>	4521-060 <b>1636.75</b>	4531-060 <b>1813.96</b>	1	0	558

**SR Threaded Ends**

<b>1/2</b>	4521-005SR <b>57.51</b>	4531-005SR <b>64.64</b>	1	18	604
<b>3/4</b>	4521-007SR <b>69.94</b>	4531-007SR <b>73.66</b>	1	18	604
<b>1</b>	4521-010SR <b>82.63</b>	4531-010SR <b>91.82</b>	1	18	604
<b>1-1/4</b>	4521-012SR <b>122.14</b>	4531-012SR <b>136.39</b>	1	12	604
<b>1-1/2</b>	4521-015SR <b>142.79</b>	4531-015SR <b>157.51</b>	1	8	604
<b>2</b>	4521-020SR <b>192.47</b>	4531-020SR <b>212.97</b>	1	8	604
<b>2-1/2</b>	4521-025SR <b>467.89</b>	4531-025SR <b>496.78</b>	1	0	605
<b>3</b>	4521-030SR <b>580.14</b>	4531-030SR <b>496.78</b>	1	0	605
<b>4</b>	4521-040SR <b>860.55</b>	4531-040SR <b>905.16</b>	1	0	605
<b>6</b>	4521-060SR <b>1683.47</b>	4531-060SR <b>1862.27</b>	1	0	558

**PVC Industrial**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>1/2</b>	4527-005 <b>56.36</b>	4537-005 <b>63.52</b>	1	18	604
<b>3/4</b>	4527-007 <b>67.20</b>	4537-007 <b>70.93</b>	1	18	604
<b>1</b>	4527-010 <b>79.93</b>	4537-010 <b>89.09</b>	1	12	604
<b>1-1/4</b>	4527-012 <b>116.72</b>	4537-012 <b>131.00</b>	1	12	604
<b>1-1/2</b>	4527-015 <b>134.05</b>	4537-015 <b>148.78</b>	1	8	604
<b>2</b>	4527-020 <b>183.02</b>	4537-020 <b>203.51</b>	1	8	604
<b>2-1/2</b>	4527-025 <b>443.72</b>	4537-025 <b>472.58</b>	1	0	605
<b>3</b>	4527-030 <b>502.43</b>	4537-030 <b>634.38</b>	1	0	605
<b>4</b>	4527-040 <b>832.33</b>	4537-040 <b>876.92</b>	1	0	605
<b>6</b>	4527-060 <b>1636.75</b>	4537-060 <b>1813.96</b>	1	0	558

**Flanged Ends**

<b>1/2</b>	4523-005 <b>79.46</b>	4533-005 <b>99.73</b>	1	8	604
<b>3/4</b>	4523-007 <b>96.11</b>	4533-007 <b>119.60</b>	5	0	604
<b>1</b>	4523-010 <b>113.91</b>	4533-010 <b>139.17</b>	5	0	604
<b>1-1/4</b>	4523-012 <b>140.88</b>	4533-012 <b>182.12</b>	2	0	604
<b>1-1/2</b>	4523-015 <b>194.40</b>	4533-015 <b>211.28</b>	3	0	604
<b>2</b>	4523-020 <b>274.37</b>	4533-020 <b>280.87</b>	2	0	604
<b>2-1/2</b>	4523-025 <b>568.38</b>	4533-025 <b>661.89</b>	1	0	605
<b>3</b>	4523-030 <b>795.06</b>	4533-030 <b>924.53</b>	1	0	605
<b>4</b>	4523-040 <b>1076.19</b>	4533-040 <b>1249.16</b>	1	0	605
<b>6</b>	4523-060 <b>2577.57</b>	4533-060 <b>2989.97</b>	1	0	558
<b>8</b>	4523-080 <b>3347.48</b>	4533-080 <b>3891.12</b>	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.



## Schedule 80 PVC Industrial Products & Accessories True Union Ball Check Valves (Regular Style)



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

6" Venturied Valves are 4" Ball Check Valves equipped with  
 4x6 End Connectors.

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
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#### Socket & Threaded Ends

<b>1/2</b>	2229-005 <b>61.67</b>	2239-005 <b>69.49</b>	1	18	220
<b>3/4</b>	2229-007 <b>73.53</b>	2239-007 <b>77.62</b>	1	12	220
<b>1</b>	2229-010 <b>87.44</b>	2239-010 <b>97.48</b>	1	8	220
<b>1-1/4</b>	2229-012 <b>127.71</b>	2239-012 <b>143.32</b>	1	8	220
<b>1-1/2</b>	2229-015 <b>146.67</b>	2239-015 <b>162.78</b>	1	8	220
<b>2</b>	2229-020 <b>200.24</b>	2239-020 <b>222.66</b>	1	4	220

#### Socket Ends

<b>2-1/2</b>	2222-025 <b>485.46</b>	2232-025 <b>517.04</b>	1	0	220
<b>3</b>	2222-030 <b>586.46</b>	2232-030 <b>681.48</b>	1	0	220
<b>4</b>	2222-040 <b>910.65</b>	2232-040 <b>959.46</b>	1	0	220

#### Socket Venturied Ends

<b>6 VENTURIED</b>	2222-060 <b>1230.28</b>	2232-060 <b>1393.56</b>	1	0	221
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#### Threaded Ends

<b>2-1/2</b>	2221-025 <b>485.46</b>	2231-025 <b>517.04</b>	1	0	220
<b>3</b>	2221-030 <b>586.46</b>	2231-030 <b>681.48</b>	1	0	220
<b>4</b>	2221-040 <b>910.65</b>	2231-040 <b>959.46</b>	1	0	220

#### Flanged Ends

<b>1/2</b>	2223-005 <b>86.95</b>	2233-005 <b>109.14</b>	6	0	220
<b>3/4</b>	2223-007 <b>105.15</b>	2233-007 <b>130.85</b>	5	0	220
<b>1</b>	2223-010 <b>124.63</b>	2233-010 <b>152.27</b>	5	0	220
<b>1-1/4</b>	2223-012 <b>154.15</b>	2233-012 <b>199.26</b>	2	0	220
<b>1-1/2</b>	2223-015 <b>212.68</b>	2233-015 <b>231.19</b>	3	0	220
<b>2</b>	2223-020 <b>300.19</b>	2233-020 <b>307.32</b>	2	0	220
<b>2-1/2</b>	2223-025 <b>621.87</b>	2233-025 <b>724.20</b>	1	0	220
<b>3</b>	2223-030 <b>869.88</b>	2233-030 <b>1011.54</b>	1	0	220
<b>4</b>	2223-040 <b>1177.48</b>	2233-040 <b>1366.73</b>	1	0	220

#### Flanged Venturied Ends

<b>6 VENTURIED</b>	2223-060 <b>1473.61</b>	2233-060 <b>1644.16</b>	1	0	221
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**Schedule 80 PVC Industrial Products & Accessories  
Foot Valve Screens & Y-Check Valves**



**Foot Valve Screens**

Convert Check Valve to Foot Valve using adapter - Fits all Socket Ball Check Valves or any IPS fitting socket or thread

Standard Foot Valve Screen



PVC/CPVC Spigot

Compact Foot Valve Screens



PVC Gray Spigot  
or Threaded

PE Black  
Threaded Only

**Foot Valve Screens - PVC**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Spigot</b>					
FVS-005	1/2	10	60	299	45.51
FVS-007	3/4	10	60	299	54.04
FVS-010	1	10	40	299	65.73
FVS-012	1-1/4	5	30	299	95.67
FVS-015	1-1/2	5	0	299	100.78
FVS-020	2	5	0	299	113.74
FVS-025	2-1/2	5	0	299	156.45
FVS-030	3	5	0	299	160.93
FVS-040	4	5	0	299	190.41
FVS-060	6	5	0	299	257.85

**PVC Compact Foot Valve Screen**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Threaded</b>					
CFVS1-005	1/2	1	0	299	2.80
CFVS1-007	3/4	1	0	299	3.19
CFVS1-010	1	1	0	299	3.78
CFVS1-012	1-1/4	1	0	299	4.81
CFVS1-015	1-1/2	1	0	299	8.06
CFVS1-020	2	1	0	299	9.17

**PVC Compact Foot Valve Screen**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Spigot</b>					
CFVS7-005	1/2	1	0	299	2.80
CFVS7-007	3/4	1	0	299	3.19
CFVS7-010	1	1	0	299	3.78
CFVS7-012	1-1/4	1	0	299	4.81
CFVS7-015	1-1/2	1	0	299	8.06
CFVS7-020	2	1	0	299	9.17

**HDPE Black Compact Foot Valve Screen**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Threaded</b>					
CFVS1-005P	1/2	1	0	299	3.35
CFVS1-007P	3/4	1	0	299	4.03
CFVS1-010P	1	1	0	299	4.62
CFVS1-012P	1-1/4	1	0	299	5.31
CFVS1-015P	1-1/2	1	0	299	9.04
CFVS1-020P	2	1	0	299	10.14

**Y-Check Valves**



PVC Clear — Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2"      150 psi  
 3" - 4"      90 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply



True Union Style

**PVC - Socket Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2	1622-005	1632-005	1	18	627
	<b>88.61</b>	<b>98.27</b>			
3/4	1622-007	1632-007	1	18	627
	<b>95.05</b>	<b>106.34</b>			
1	1622-010	1632-010	1	12	627
	<b>104.72</b>	<b>115.98</b>			
1-1/4	1622-012	1632-012	1	8	627
	<b>164.32</b>	<b>182.05</b>			
1-1/2	1622-015	1632-015	1	8	627
	<b>178.81</b>	<b>198.15</b>			

**PVC - Socket Ends (continued)**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
2	1622-020	1632-020	1	4	627
	<b>222.32</b>	<b>246.49</b>			
3	1622-030	1632-030	1	0	627
	<b>439.80</b>	<b>488.12</b>			
4	1622-040	1632-040	1	0	627
	<b>766.83</b>	<b>852.22</b>			

**PVC - SR Threaded Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2	1621-005SR	1631-005SR	1	18	627
	<b>91.83</b>	<b>101.51</b>			



**Schedule 80 PVC Industrial Products & Accessories  
Y-Check Valves**

**PVC - SR Threaded Ends (continued)**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	1621-007SR <b>99.87</b>	1631-007SR <b>111.16</b>	1	12	627
<b>1</b>	1621-010SR <b>111.16</b>	1631-010SR <b>122.43</b>	1	8	627
<b>1-1/4</b>	1621-012SR <b>173.98</b>	1631-012SR <b>191.71</b>	1	8	627
<b>1-1/2</b>	1621-015SR <b>193.32</b>	1631-015SR <b>212.65</b>	1	4	627
<b>2</b>	1621-020SR <b>238.42</b>	1631-020SR <b>262.59</b>	1	0	627
<b>3</b>	1621-030SR <b>483.31</b>	1631-030SR <b>531.62</b>	1	0	627
<b>4</b>	1621-040SR <b>811.94</b>	1631-040SR <b>897.31</b>	1	0	627

**PVC - Flanged Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005 <b>115.98</b>	1633-005 <b>128.89</b>	1	8	627
<b>3/4</b>	1623-007 <b>127.26</b>	1633-007 <b>141.77</b>	1	4	627
<b>1</b>	1623-010 <b>148.98</b>	1633-010 <b>170.76</b>	1	8	627
<b>1-1/4</b>	1623-012 <b>236.81</b>	1633-012 <b>262.59</b>	1	4	627
<b>1-1/2</b>	1623-015 <b>251.33</b>	1633-015 <b>278.69</b>	1	4	627
<b>2</b>	1623-020 <b>336.69</b>	1633-020 <b>373.73</b>	1	0	627
<b>3</b>	1623-030 <b>658.88</b>	1633-030 <b>731.38</b>	1	0	627
<b>4</b>	1623-040 <b>1051.96</b>	1633-040 <b>1167.96</b>	1	0	627

**PVC Clear - Socket Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1622-005CL <b>88.61</b>	1632-005CL <b>98.27</b>	1	18	628
<b>3/4</b>	1622-007CL <b>95.05</b>	1632-007CL <b>106.34</b>	1	18	628
<b>1</b>	1622-010CL <b>104.72</b>	1632-010CL <b>115.98</b>	1	12	628
<b>1-1/4</b>	1622-012CL <b>164.32</b>	1632-012CL <b>182.05</b>	1	8	628
<b>1-1/2</b>	1622-015CL <b>178.81</b>	1632-015CL <b>198.15</b>	1	8	628
<b>2</b>	1622-020CL <b>222.32</b>	1632-020CL <b>246.49</b>	1	4	628
<b>3</b>	1622-030CL <b>439.80</b>	1632-030CL <b>488.12</b>	1	0	628
<b>4</b>	1622-040CL <b>766.83</b>	1632-040CL <b>852.22</b>	1	0	628

**PVC Clear - SR Threaded Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1621-005CLSR <b>91.83</b>	1631-005CLSR <b>101.51</b>	1	18	628
<b>3/4</b>	1621-007CLSR <b>99.87</b>	1631-007CLSR <b>111.16</b>	1	12	628
<b>1</b>	1621-010CLSR <b>111.16</b>	1631-010CLSR <b>122.43</b>	1	8	628
<b>1-1/4</b>	1621-012CLSR <b>173.98</b>	1631-012CLSR <b>191.71</b>	1	8	628
<b>1-1/2</b>	1621-015CLSR <b>193.32</b>	1631-015CLSR <b>212.65</b>	1	4	628
<b>2</b>	1621-020CLSR <b>238.42</b>	1631-020CLSR <b>262.59</b>	1	0	628
<b>3</b>	1621-030CLSR <b>483.31</b>	1631-030CLSR <b>531.62</b>	1	0	628
<b>4</b>	1621-040CLSR <b>811.94</b>	1631-040CLSR <b>897.31</b>	1	0	628

**PVC Clear - Flanged Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005CL <b>115.98</b>	1633-005CL <b>128.89</b>	1	8	628
<b>3/4</b>	1623-007CL <b>127.26</b>	1633-007CL <b>141.77</b>	1	8	628
<b>1</b>	1623-010CL <b>153.04</b>	1633-010CL <b>170.76</b>	1	8	628
<b>1-1/4</b>	1623-012CL <b>236.81</b>	1633-012CL <b>262.59</b>	1	4	628
<b>1-1/2</b>	1623-015CL <b>251.33</b>	1633-015CL <b>278.69</b>	1	4	628
<b>2</b>	1623-020CL <b>336.69</b>	1633-020CL <b>373.73</b>	1	0	628
<b>3</b>	1623-030CL <b>658.88</b>	1633-030CL <b>731.38</b>	1	0	628
<b>4</b>	1623-040CL <b>1051.96</b>	1633-040CL <b>1167.96</b>	1	0	628

**PVC - True Union Socket Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005 <b>96.66</b>	163A-005 <b>106.34</b>	1	12	627
<b>3/4</b>	162A-007 <b>103.09</b>	163A-007 <b>115.98</b>	1	8	627
<b>1</b>	162A-010 <b>114.38</b>	163A-010 <b>125.64</b>	1	8	627
<b>1-1/4</b>	162A-012 <b>178.81</b>	163A-012 <b>198.15</b>	1	4	627
<b>1-1/2</b>	162A-015 <b>194.93</b>	163A-015 <b>215.88</b>	1	0	627
<b>2</b>	162A-020 <b>241.64</b>	163A-020 <b>267.41</b>	2	0	627
<b>3</b>	162A-030 <b>478.45</b>	163A-030 <b>521.96</b>	1	0	627
<b>4</b>	162A-040 <b>834.49</b>	163A-040 <b>926.32</b>	1	0	627

**PVC - True Union Threaded Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005 <b>96.66</b>	163B-005 <b>106.34</b>	1	12	627
<b>3/4</b>	162B-007 <b>103.09</b>	163B-007 <b>115.98</b>	1	8	627
<b>1</b>	162B-010 <b>114.38</b>	163B-010 <b>125.64</b>	1	8	627
<b>1-1/4</b>	162B-012 <b>177.22</b>	163B-012 <b>198.15</b>	1	4	627
<b>1-1/2</b>	162B-015 <b>194.93</b>	163B-015 <b>215.88</b>	1	0	627
<b>2</b>	162B-020 <b>241.64</b>	163B-020 <b>267.41</b>	2	0	627
<b>3</b>	162B-030 <b>478.45</b>	163B-030 <b>521.96</b>	1	0	627
<b>4</b>	162B-040 <b>834.49</b>	163B-040 <b>926.32</b>	1	0	627

**PVC - True Union SR Threaded Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005SR <b>99.87</b>	163B-005SR <b>109.55</b>	1	12	627
<b>3/4</b>	162B-007SR <b>107.93</b>	163B-007SR <b>119.22</b>	1	8	627
<b>1</b>	162B-010SR <b>119.22</b>	163B-010SR <b>132.11</b>	1	8	627
<b>1-1/4</b>	162B-012SR <b>188.48</b>	163B-012SR <b>207.80</b>	1	4	627
<b>1-1/2</b>	162B-015SR <b>211.03</b>	163B-015SR <b>231.98</b>	1	0	627
<b>2</b>	162B-020SR <b>259.37</b>	163B-020SR <b>286.74</b>	1	0	627
<b>3</b>	162B-030SR <b>525.17</b>	163B-030SR <b>578.35</b>	1	0	627
<b>4</b>	162B-040SR <b>881.20</b>	163B-040SR <b>974.63</b>	1	0	627

**Schedule 80 PVC Industrial Products & Accessories  
Y-Check Valves**



**PVC Clear - True Union Socket Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005CL <b>96.66</b>	163A-005CL <b>106.34</b>	1	12	628
<b>3/4</b>	162A-007CL <b>103.09</b>	163A-007CL <b>115.98</b>	1	8	628
<b>1</b>	162A-010CL <b>114.38</b>	163A-010CL <b>125.64</b>	1	8	628
<b>1-1/4</b>	162A-012CL <b>178.81</b>	163A-012CL <b>198.15</b>	1	4	628
<b>1-1/2</b>	162A-015CL <b>194.93</b>	163A-015CL <b>215.88</b>	1	0	628
<b>2</b>	162A-020CL <b>241.64</b>	163A-020CL <b>267.41</b>	2	0	628
<b>3</b>	162A-030CL <b>478.45</b>	163A-030CL <b>521.96</b>	1	0	628
<b>4</b>	162A-040CL <b>834.49</b>	163A-040CL <b>926.32</b>	1	0	628

**PVC Clear - True Union Threaded Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CL <b>96.66</b>	163B-005CL <b>106.34</b>	1	12	628
<b>3/4</b>	162B-007CL <b>103.09</b>	163B-007CL <b>115.98</b>	1	8	628
<b>1</b>	162B-010CL <b>114.38</b>	163B-010CL <b>125.64</b>	1	8	628
<b>1-1/4</b>	162B-012CL <b>178.81</b>	163B-012CL <b>198.15</b>	1	4	628
<b>1-1/2</b>	162B-015CL <b>194.93</b>	163B-015CL <b>215.88</b>	1	0	628
<b>2</b>	162B-020CL <b>241.64</b>	163B-020CL <b>267.41</b>	2	0	628
<b>3</b>	162B-030CL <b>478.45</b>	163B-030CL <b>521.96</b>	1	0	628
<b>4</b>	162B-040CL <b>834.49</b>	163B-040CL <b>926.32</b>	1	0	628

**PVC Clear - True Union SR Threaded Ends**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CLSR <b>99.87</b>	163B-005CLSR <b>109.55</b>	1	12	628
<b>3/4</b>	162B-007CLSR <b>107.93</b>	163B-007CLSR <b>119.22</b>	1	8	628
<b>1</b>	162B-010CLSR <b>119.22</b>	163B-010CLSR <b>132.11</b>	1	8	628
<b>1-1/4</b>	162B-012CLSR <b>188.48</b>	163B-012CLSR <b>207.80</b>	1	4	628
<b>1-1/2</b>	162B-015CLSR <b>211.03</b>	163B-015CLSR <b>231.98</b>	1	0	628
<b>2</b>	162B-020CLSR <b>259.37</b>	163B-020CLSR <b>286.74</b>	1	0	628
<b>3</b>	162B-030CLSR <b>525.17</b>	163B-030CLSR <b>578.35</b>	1	0	628
<b>4</b>	162B-040CLSR <b>881.20</b>	163B-040CLSR <b>974.63</b>	1	0	628



## Schedule 80 PVC Industrial Products & Accessories Butterfly Check Valves



Wafer



Flanged



Spigot



Threaded



Grooved

Pressure Rating @ 73°F (23°C), Water

2" - 8"      150 psi  
10" - 16"    100 psi  
18" - 24"    50 psi

Maximum Service Temperature  
PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply

**General Installation Information:** Butterfly Check Valve seating may be affected by normal system turbulence. Flow velocities should be limited to approximately 5 feet per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do not place near bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in premature failure of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, perpendicular to flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loading, the Hinge Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

### PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>Wafer</b>					
<b>2</b>	5420-020 <b>405.36</b>	5430-020 <b>446.66</b>	1	18	289
<b>2-1/2</b>	5420-025 <b>558.62</b>	5430-025 <b>615.63</b>	1	0	289
<b>3</b>	5420-030 <b>714.56</b>	5430-030 <b>787.42</b>	1	8	289
<b>4</b>	5420-040 <b>971.78</b>	5430-040 <b>1070.91</b>	1	4	289
<b>6</b>	5420-060 <b>1473.27</b>	5430-060 <b>1623.54</b>	1	0	289
<b>8</b>	5420-080 <b>2499.61</b>	5430-080 <b>2754.56</b>	1	0	289
<b>10</b>	5420-100 <b>4596.12</b>	5430-100 <b>5101.67</b>	1	0	289
<b>12</b>	5420-120 <b>6480.46</b>	5430-120 <b>7193.33</b>	1	0	289
<b>14</b>	5420-140 <b>9256.78</b>	---	1	0	289
<b>16</b>	5420-160 <b>12855.58</b>	---	1	0	289
<b>18</b>	5420-180 <b>16068.26</b>	---	1	0	289
<b>20</b>	5420-200 <b>20085.32</b>	---	1	0	289
<b>24</b>	5420-240 <b>28691.31</b>	---	1	0	289

### Flanged Ends

<b>2</b>	5423-020 <b>517.05</b>	5433-020 <b>556.04</b>	1	8	289
<b>2-1/2</b>	5423-025 <b>672.97</b>	5433-025 <b>732.75</b>	1	0	289
<b>3</b>	5423-030 <b>966.60</b>	5433-030 <b>1062.73</b>	1	0	289
<b>4</b>	5423-040 <b>1255.01</b>	5433-040 <b>1400.49</b>	1	0	289
<b>6</b>	5423-060 <b>2034.51</b>	5433-060 <b>2328.13</b>	1	0	289
<b>8</b>	5423-080 <b>2915.34</b>	5433-080 <b>3440.21</b>	1	0	289
<b>10</b>	5423-100 <b>5368.20</b>	5433-100 <b>6121.71</b>	1	0	289
<b>12</b>	5423-120 <b>7605.37</b>	5433-120 <b>8090.37</b>	1	0	289
<b>14</b>	5423-140 <b>10723.57</b>	5433-140 <b>11407.36</b>	4	0	289
<b>16</b>	5423-160 <b>15093.44</b>	5433-160 <b>16296.21</b>	1	0	289
<b>18</b>	5423-180 <b>19283.61</b>	5433-180 <b>20626.99</b>	1	0	289
<b>20</b>	5423-200 <b>25345.15</b>	5433-200 <b>27140.77</b>	1	0	289
<b>24</b>	5423-240 <b>33197.34</b>	5433-240 <b>35709.75</b>	1	0	289

### PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>Spigot (Plain End)</b>					
<b>2</b>	5427-020 <b>220.86</b>	5437-020 <b>259.83</b>	1	12	289
<b>2-1/2</b>	5427-025 <b>304.01</b>	5437-025 <b>363.79</b>	1	12	289
<b>3</b>	5427-030 <b>407.94</b>	5437-030 <b>504.07</b>	1	8	289
<b>4</b>	5427-040 <b>535.26</b>	5437-040 <b>680.78</b>	1	4	289
<b>6</b>	5427-060 <b>1138.06</b>	5437-060 <b>1431.68</b>	1	0	289
<b>8</b>	5427-080 <b>1696.74</b>	5437-080 <b>2221.57</b>	1	0	289
<b>10</b>	5427-100 <b>4149.55</b>	5437-100 <b>4903.06</b>	1	0	289
<b>12</b>	5427-120 <b>5620.22</b>	5437-120 <b>6588.52</b>	1	0	289
<b>14</b>	5427-140 <b>7500.69</b>	5437-140 <b>8618.72</b>	1	0	289
<b>16</b>	5427-160 <b>11284.86</b>	5437-160 <b>13230.73</b>	1	0	289
<b>18</b>	5427-180 <b>14106.08</b>	5437-180 <b>16536.92</b>	1	0	289
<b>20</b>	5427-200 <b>17632.13</b>	5437-200 <b>20669.82</b>	1	0	289
<b>24</b>	5427-240 <b>25188.72</b>	5437-240 <b>29527.29</b>	1	0	289

### Threaded Ends

<b>2</b>	5421A-020 <b>215.67</b>	5431A-020 <b>254.64</b>	1	4	289
<b>2-1/2</b>	5421A-025 <b>293.62</b>	5431A-025 <b>353.36</b>	1	8	289
<b>3</b>	5421A-030 <b>400.16</b>	5431A-030 <b>496.27</b>	1	8	289
<b>4</b>	5421A-040 <b>524.87</b>	5431A-040 <b>670.37</b>	1	4	289
<b>6</b>	5421A-060 <b>1117.29</b>	5431A-060 <b>1410.89</b>	1	0	289
<b>8</b>	5421A-080 <b>1678.56</b>	5431A-080 <b>2203.39</b>	1	0	289
<b>10</b>	5421A-100 <b>4141.06</b>	5431A-100 <b>4895.80</b>	1	0	289
<b>12</b>	5421A-120 <b>5613.29</b>	5431A-120 <b>6581.60</b>	1	0	289

### Grooved Ends

<b>2</b>	542G-020 <b>244.24</b>	543G-020 <b>283.21</b>	1	12	289
<b>2-1/2</b>	542G-025 <b>319.60</b>	543G-025 <b>379.35</b>	1	8	289
<b>3</b>	542G-030 <b>420.93</b>	543G-030 <b>517.05</b>	1	8	289
<b>4</b>	542G-040 <b>566.45</b>	543G-040 <b>711.95</b>	1	4	289
<b>6</b>	542G-060 <b>1184.84</b>	543G-060 <b>1478.47</b>	1	0	289

**Schedule 80 PVC Industrial Products & Accessories**  
**Butterfly Check Valves & Industrial Swing Check Valves**



**Butterfly Check Valves**

**PVC (continued)**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>Grooved Ends</b>					
<b>8</b>	542G-080 <b>1748.67</b>	543G-080 <b>2273.56</b>	1	0	289
<b>10</b>	542G-100 <b>4232.69</b>	543G-100 <b>4986.21</b>	1	0	289
<b>12</b>	542G-120 <b>5731.94</b>	543G-120 <b>6701.15</b>	1	0	289

**Industrial Swing Check Valves**



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4"

Pressure Rating @ 73°F (23°C), Water  
 3/4" - 4" 150 psi  
 6" 100 psi  
 8" 70 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free Lubricants



Bolted Bonnet on Sizes 1-1/2" & Up  
 (Valve Shown with Arrow Indicator Option)

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

**Industrial Swing Check Valves**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423-007 <b>489.87</b>	4433-007 <b>518.17</b>	1	12	108
<b>1</b>	4423-010 <b>564.53</b>	4433-010 <b>615.23</b>	1	4	108
<b>1-1/4</b>	4423-012 <b>706.16</b>	4433-012 <b>747.16</b>	1	0	108
<b>1-1/2</b>	4423-015 <b>774.14</b>	4433-015 <b>864.87</b>	1	0	108
<b>2</b>	4423-020 <b>891.23</b>	4433-020 <b>990.28</b>	1	0	108
<b>2-1/2</b>	4423-025 <b>1491.55</b>	4433-025 <b>1759.58</b>	1	0	110
<b>3</b>	4423-030 <b>1668.08</b>	4433-030 <b>2185.93</b>	1	0	110
<b>4</b>	4423-040 <b>2126.11</b>	4433-040 <b>2496.24</b>	1	0	110
<b>6</b>	4423-060 <b>4040.65</b>	4433-060 <b>4742.66</b>	1	0	110
<b>8</b>	4423-080 <b>7742.14</b>	4433-080 <b>9049.54</b>	1	0	110

**Swing Check Valve With Arrow Indicator**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	44231-007 <b>497.92</b>	44331-007 <b>526.24</b>	1	12	108
<b>1</b>	44231-010 <b>572.57</b>	44331-010 <b>641.02</b>	1	4	108
<b>1-1/4</b>	44231-012 <b>731.22</b>	44331-012 <b>803.54</b>	1	0	108
<b>1-1/2</b>	44231-015 <b>848.02</b>	44331-015 <b>803.54</b>	1	0	108
<b>2</b>	44231-020 <b>918.19</b>	44331-020 <b>1002.26</b>	1	0	108
<b>2-1/2</b>	44231-025 <b>1500.05</b>	44331-025 <b>1668.77</b>	1	0	110
<b>3</b>	44231-030 <b>1746.95</b>	44331-030 <b>1668.77</b>	1	0	110

**Swing Check Valve With Arrow Indicator (continued)**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>4</b>	44231-040 <b>2134.74</b>	44331-040 <b>2536.97</b>	1	0	110
<b>6</b>	44231-060 <b>4049.09</b>	44331-060 <b>4781.72</b>	1	0	110
<b>8</b>	44231-080 <b>7865.20</b>	44331-080 <b>9095.78</b>	1	0	110

**Swing Check Valve With Counter Balance**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423CB-007 <b>774.86</b>	4433CB-007 <b>829.28</b>	1	8	108
<b>1</b>	4423CB-010 <b>866.79</b>	4433CB-010 <b>928.46</b>	1	4	108
<b>1-1/4</b>	4423CB-012 <b>1046.99</b>	4433CB-012 <b>1088.37</b>	1	0	108
<b>1-1/2</b>	4423CB-015 <b>1123.33</b>	4433CB-015 <b>1311.98</b>	1	0	108
<b>2</b>	4423CB-020 <b>1239.38</b>	4433CB-020 <b>1500.17</b>	1	0	108
<b>2-1/2</b>	4423CB-025 <b>1864.98</b>	4433CB-025 <b>2132.38</b>	1	0	110
<b>3</b>	4423CB-030 <b>2100.28</b>	4433CB-030 <b>2423.29</b>	1	0	110
<b>4</b>	4423CB-040 <b>2516.60</b>	4433CB-040 <b>2886.71</b>	1	0	110
<b>6</b>	4423CB-060 <b>4487.07</b>	4433CB-060 <b>4487.07</b>	1	0	110
<b>8</b>	4423CB-080 <b>8996.31</b>	4433CB-080 <b>9487.41</b>	1	0	110



**Schedule 80 PVC Industrial Products & Accessories**  
**Industrial Swing Check Valve Accessory and Repair Kits & Diaphragm Check Valves**

**Industrial Swing Check Valve Accessory and Repair Kits**

Repair Kits include:  
 1-Bonnet O-ring  
 1-Disc O-ring  
 1-Seat O-ring

1-Plug O-ring  
 1-Arm Plug O-ring

**Industrial Swing Check Valve Repair Kits**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	SK-ERK-007 <b>26.29</b>	SK-VRK-007 <b>32.05</b>	1	10	299
<b>1</b>	SK-ERK-010 <b>34.34</b>	SK-VRK-010 <b>41.88</b>	1	10	299
1-1/2 & 1-1/4	SK-ERK-015 <b>82.11</b>	SK-VRK-015 <b>103.84</b>	1	10	299
<b>2</b>	SK-ERK-020 <b>88.15</b>	SK-VRK-020 <b>107.48</b>	1	10	299
<b>2-1/2</b>	SK-ERK-025 <b>93.22</b>	SK-VRK-025 <b>119.31</b>	1	10	299

**Industrial Swing Check Valve Repair Kits (continued)**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
<b>3</b>	SK-ERK-030 <b>105.69</b>	SK-VRK-030 <b>128.97</b>	1	10	299
<b>4</b>	SK-ERK-040 <b>115.32</b>	SK-VRK-040 <b>140.62</b>	1	10	299
<b>6</b>	SK-ERK-060 <b>229.20</b>	SK-VRK-060 <b>270.57</b>	1	10	299
<b>8</b>	SK-ERK-080 <b>288.39</b>	SK-VRK-080 <b>349.87</b>	1	10	299

**Diaphragm Check Valves**



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 100 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Santoprene™ TPE Seat

**PVC Diaphragm Check Valves - Socket**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6562-007	<b>3/4</b>	15	0	004	89.09

**PVC Diaphragm Check Valves - Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6561-007	<b>3/4</b>	15	0	004	89.09



**Schedule 80 PVC Industrial Products & Accessories  
PVC In-line Adjustable Spring Check Valves**



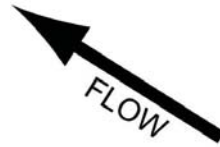
Fipt x Mipt



Mipt x Fipt



Fipt x Fipt



Pressure Rating @ 73°F (23°C), Water  
200 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

2 - 14 lbs. Adjustable Spring Tension  
(5 to 32 feet of head)  
Factory Preset to Approx. 5 psi  
(12 feet of head)  
Each full turn of adjustment nut = 1 psi  
(2.3 feet of head)  
Stainless Steel Adjustment Hardware  
EPDM Seat

**Standard Unit - Female Inlet x Male Outlet**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Fipt x Mipt (Inlet x Outlet)**

S1102-05	1/2	30	180	026	10.95
S1102-07	3/4	25	150	026	11.20
S1102-10	1	25	150	026	18.59
S1102-05-07	1/2X3/4	25	150	026	15.98

**Male Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Mipt x Fipt (Inlet x Outlet)**

S1101-05	1/2	30	180	026	10.95
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**Female Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Fipt x Fipt (Inlet x Outlet)**

S1100-07	3/4	25	150	026	11.57
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