



NDL Industries

# PVC SCH40 Fittings Product Guide

High-Quality HVAC-R and Hydronic Components for  
Commercial, Industrial, and Residential Applications





# PVC SCH40 Fittings

## Table of Contents

|                           |      |
|---------------------------|------|
| Product Information ..... | 1    |
| Female Adapters .....     | 2    |
| Male Adapters.....        | 2    |
| Reducer Bushings .....    | 2    |
| Caps .....                | 2, 3 |
| Couplings .....           | 3    |
| 45° Elbows.....           | 3    |
| 45° Street Elbows .....   | 3    |
| 90° Elbows.....           | 4    |
| 90° Street Elbows .....   | 4    |
| Plugs.....                | 5    |
| Tees.....                 | 5    |
| J-Traps .....             | 5    |
| P-Traps.....              | 5    |
| R-Traps.....              | 5    |
| Unions .....              | 6    |





# PVC SCH40 Fittings

## Long Lasting PVC SCH40 Fittings with High-Quality Performance

- Designed for most industrial and residential needs.
- Renowned for strength and superior enhanced performance, our pressure plastic fittings are tested under real-world "cyclic" pressure conditions.
- Pressure plastic fittings offer smoother inner walls for low-pressure drops and excellent resistance to chemicals and corrosion.
- Diameters from 1/2" - 3".

## Certifications and Approvals

- Meets applicable ASTM Standards: D2466, D1784, and F1498
- Meets NSF/ANSI standards 14 and 61 for use with potable water

## Symbols

**S** allows the pipe to slide into the end

**SP** The end that fits inside a socket

**FIPT** Female pipe thread

**MIPT** Male pipe thread





### Female Adapters (FPT x S)

| PART #     | OD - DESCRIPTION      | BOX QTY | WT (LB) | WT (G) |
|------------|-----------------------|---------|---------|--------|
| NP-435-005 | 1/2" Female Adapter   | 10      | 0.04    | 18.1   |
| NP-435-007 | 3/4" Female Adapter   | 10      | 0.041   | 18.6   |
| NP-435-010 | 1" Female Adapter     | 10      | 0.092   | 41.7   |
| NP-435-015 | 1-1/2" Female Adapter | 10      | 0.156   | 70.8   |
| NP-435-020 | 2" Female Adapter     | 50      | 0.239   | 108.4  |



### Male Adapters (MPT x S)

| PART #     | OD - DESCRIPTION    | BOX QTY | WT (LB) | WT (G) |
|------------|---------------------|---------|---------|--------|
| NP-436-005 | 1/2" Male Adapter   | 10      | 0.029   | 13.2   |
| NP-436-007 | 3/4" Male Adapter   | 10      | 0.04    | 18.1   |
| NP-436-010 | 1" Male Adapter     | 10      | 0.07    | 31.8   |
| NP-436-015 | 1-1/2" Male Adapter | 10      | 0.141   | 64.0   |
| NP-436-020 | 2" Male Adapter     | 5       | 0.208   | 94.3   |



### Reducer Bushings (SP x S)

| PART #     | OD - DESCRIPTION                | BOX QTY | WT (LB) | WT (G) |
|------------|---------------------------------|---------|---------|--------|
| NP-437-101 | 3/4" x 1/2" Reducer Bushing     | 10      | 0.024   | 11.0   |
| NP-437-131 | 1" x 3/4" Reducer Bushing       | 10      | 0.040   | 18.3   |
| NP-437-167 | 1-1/4" x 3/4" Reducer Bushing   | 20      | 0.112   | 50.7   |
| NP-437-168 | 1-1/4" x 1" Reducer Bushing     | 20      | 0.052   | 23.7   |
| NP-437-211 | 1-1/2" x 1" Reducer Bushing     | 10      | 0.098   | 44.5   |
| NP-437-212 | 1-1/2" x 1-1/4" Reducer Bushing | 10      | 0.056   | 25.6   |
| NP-437-251 | 2" x 1-1/2" Reducer Bushing     | 5       | 0.109   | 49.3   |



### Caps (S)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-447-005 | 1/2" Cap         | 10      | 0.023   | 10.4   |
| NP-447-007 | 3/4" Cap         | 10      | 0.026   | 11.8   |
| NP-447-010 | 1" Cap           | 10      | 0.039   | 17.7   |



### Caps (S) - Continued

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-447-015 | 1-1/2" Cap       | 50      | 0.105   | 47.6   |
| NP-447-020 | 2" Cap           | 20      | 0.148   | 67.1   |



### Cap (FIPT)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-448-007 | 3/4" Cap         | 10      | 0.038   | 17.2   |
| NP-448-010 | 1" Cap           | 10      | 0.05    | 22.7   |



### Couplings (S x S)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-429-005 | 1/2" Coupling    | 10      | 0.027   | 12.2   |
| NP-429-007 | 3/4" Coupling    | 10      | 0.038   | 17.2   |
| NP-429-010 | 1" Coupling      | 10      | 0.061   | 27.7   |
| NP-429-012 | 1-1/4" Coupling  | 10      | 0.108   | 49.0   |
| NP-429-015 | 1-1/2" Coupling  | 20      | 0.119   | 54.0   |
| NP-429-020 | 2" Coupling      | 5       | 0.167   | 75.7   |



### 45° Elbows (S x S)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-417-005 | 1/2" 45° Elbow   | 10      | 0.036   | 16.3   |
| NP-417-007 | 3/4" 45° Elbow   | 10      | 0.052   | 23.6   |
| NP-417-010 | 1" 45° Elbow     | 10      | 0.086   | 39.0   |
| NP-417-012 | 1-1/4" 45° Elbow | 10      | 0.123   | 55.8   |
| NP-417-015 | 1-1/2" 45° Elbow | 10      | 0.18    | 81.6   |
| NP-417-020 | 2" 45° Elbow     | 5       | 0.264   | 119.7  |



### 45° Street Elbows (SP x S)

| PART #     | OD - DESCRIPTION    | BOX QTY | WT (LB) | WT (G) |
|------------|---------------------|---------|---------|--------|
| NP-400-010 | 1" 45° Street Elbow | 50      | 0.088   | 40.0   |



### 90° Elbow (S x S)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-406-005 | 1/2" 90° Elbow   | 10      | 0.045   | 20.4   |
| NP-406-007 | 3/4" 90° Elbow   | 10      | 0.064   | 29.0   |
| NP-406-010 | 1" 90° Elbow     | 10      | 0.109   | 49.4   |
| NP-406-012 | 1-1/4" 90° Elbow | 15      | 0.168   | 76.2   |
| NP-406-015 | 1-1/2" 90° Elbow | 10      | 0.213   | 96.6   |
| NP-406-020 | 2" 90° Elbow     | 5       | 0.337   | 152.9  |
| NP-406-030 | 3" 90° Elbow     | 10      | 0.795   | 360.6  |



### 90° Elbow (S x FIPT)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-407-007 | 3/4" 90° Elbow   | 10      | 0.08    | 36.3   |
| NP-407-010 | 1" 90° Elbow     | 10      | 0.159   | 72.1   |
| NP-407-015 | 1-1/2" 90° Elbow | 10      | 0.353   | 160.2  |



### 90° Street Elbow (SP x S)

| PART #     | OD - DESCRIPTION        | BOX QTY | WT (LB) | WT (G) |
|------------|-------------------------|---------|---------|--------|
| NP-409-005 | 1/2" 90° Street Elbow   | 10      | 0.049   | 22.2   |
| NP-409-007 | 3/4" 90° Street Elbow   | 10      | 0.066   | 29.9   |
| NP-409-010 | 1" 90° Street Elbow     | 10      | 0.12    | 54.4   |
| NP-409-012 | 1-1/4" 90° Street Elbow | 50      | 0.190   | 86.3   |
| NP-409-020 | 2" 90° Street Elbow     | 25      | 0.342   | 155.1  |



### 90° Street Elbow (MIPT x S)

| PART #     | OD - DESCRIPTION      | BOX QTY | WT (LB) | WT (G) |
|------------|-----------------------|---------|---------|--------|
| NP-410-005 | 1/2" 90° Street Elbow | 750     | 0.041   | 18.6   |
| NP-410-007 | 3/4" 90° Street Elbow | 450     | 0.062   | 28.1   |
| NP-410-010 | 1" 90° Street Elbow   | 10      | 0.133   | 60.3   |
| NP-410-020 | 2" 90° Street Elbow   | 50      | 0.312   | 141.5  |



### Plug (SP)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-449-007 | 3/4" Plug        | 10      | 0.031   | 14.1   |



### Plug (MPT)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-450-007 | 3/4" Plug        | 10      | 0.034   | 15.4   |



### Tees (S x S x S)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-401-005 | 1/2" Tee         | 10      | 0.065   | 29.4   |
| NP-401-007 | 3/4" Tee         | 10      | 0.075   | 34.0   |
| NP-401-015 | 1-1/2" Tee       | 5       | 0.108   | 48.9   |
| NP-401-010 | 1" Tee           | 10      | 0.149   | 67.5   |
| NP-401-012 | 1-1/4" Tee       | 5       | 0.219   | 99.4   |
| NP-401-020 | 2" Tee           | 5       | 0.427   | 193.5  |



### J-Trap

| PART #        | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|---------------|------------------|---------|---------|--------|
| NP-PVC34JTRAP | 3/4" J-Trap      | 10      | 0.208   | 94.3   |



### P-Trap

| PART #        | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|---------------|------------------|---------|---------|--------|
| NP-PVC34PTRAP | 3/4" P-Trap      | 5       | 0.267   | 121.1  |



### R-Trap

| PART #        | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|---------------|------------------|---------|---------|--------|
| NP-PVC34RTRAP | 3/4" R-Trap      | 10      | 0.255   | 115.7  |



### Union (S x S)

| PART #     | OD - DESCRIPTION | BOX QTY | WT (LB) | WT (G) |
|------------|------------------|---------|---------|--------|
| NP-457-007 | 3/4" Union       | 10      | 0.153   | 69.4   |

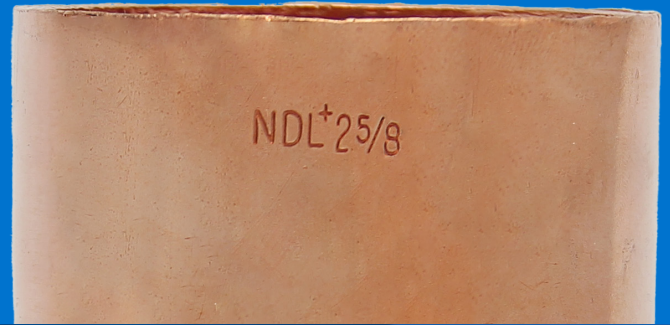






## QUALITY STAMP

Only after our products pass strict and rigorous quality tests will the NDL name be stamped on them. The NDL Quality Stamp is our seal of approval that our products can be trusted in the field.



## We Focus on Quality and Service So You Can Install with Confidence.

Since 1998, our mission has been to stay ahead of the curve as an industry leader in the HVAC, Refrigeration, and Hydronic markets. We have achieved this over the years by heavily emphasizing quality, innovation, and maintaining a global team of experienced professionals to deliver top-notch service. We continue to hold ourselves to the highest standards, never sacrificing the quality of our products or the commitment to our customers that has made us the company we are today.

*What you can expect from us:*

- Fast order turnaround
- Real-time order communications
- Field-experienced sales and technical support
- Parts packaged in contractor-friendly sized bags
- High-quality control standards for superior fit and finish



## Global Team with Fast Order Turnaround

With distribution centers strategically located worldwide, we ensure fast order fulfillment while maintaining the exceptional customer service that has earned us our trusted reputation.

*Locations:*

- Southaven, Mississippi (United States)
- Vancouver, British Columbia (Canada)
- Milton Keynes, Buckinghamshire (Europe)



Explore our full line of high-quality HVAC-R, CO<sub>2</sub> Refrigeration, and Hydronic products.

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