

## Plastic Pipe and Fittings

Plastic pipe and fittings are FM Approved for only aboveground wet pipe fire protection systems. See FM Global Data Sheet 2-0, Installation Guidelines for Automatic Sprinklers, to determine what conditions plastic pipe and fittings can be installed without the need for thermal protection (i.e. the pipe and fittings are not shielded from the fire area). Only products specifically Approved for exposed use may be used in these installations. Rated working pressure is 175 psi (12.1 bar) at 120°F (49°C). Manufacturer's installation instructions must be strictly followed to ensure proper performance. The use of these pipes and fittings is prohibited in areas where seismic protection is required. When used in hybrid sprinkler systems composed of steel and plastic piping please refer to steel pipe listings for acceptability.

## TFI Thermafit CPVC

TFI Thermafit CPVC Schedule 40 and 80 fittings for use with Spears FlameGuard™, Victaulic FireLock™ or BlazeMaster™ SDR 13.5 pipe joined by the solvent cement method using either of the following one-step solvent cements: Victaulic Model #899, Spears FS-5, IPEX BM-5, and Tyco TFP-500. The pressure rating for all fittings is 175 psi (1205 kPa) at 150°F (66°C).

## Product Specification

Model No	Product Description	Nominal Pipe Size, in
CP45-34	45° Elbow (Soc x Soc)	3/4
CP45-100	"	1
CP45-114	"	1 1/4
CP45-112	"	1 1/2
CP45-200	"	2
CP45-212	"	2 1/2
CP45-300	"	3
CP90-34	90° Elbow (Soc x Soc)	3/4
CP90-100	"	1
CP90-114	"	1 1/4
CP90-112	"	1 1/2
CP90-200	"	2
CP90-212	"	2 1/2
CP90-300	"	3
CP90-112B	90° Elbow (Soc x FIPT)	1 x 1/2
CP90-134B	"	1 x 3/4
CP90-3412B	"	3/4 x 1/2
CPRB-134	Reducer Bushing (Spig x Soc)	1 x 3/4
CPRB-11434	"	1 1/4 x 3/4
CPRB-1141	"	1 1/4 x 1
CPRB-11234	"	1 1/2 x 3/4
CPRB-1121	"	1 1/2 x 1
CPRB-112114	"	1 1/2 x 1 1/4
CPRB-234	"	2 x 3/4
CPRB-21	"	2 x 1
CPRB-2114	"	2 x 1 1/4

CPRB-2112	"	2 x 1 1/2
CPB-2121	Reducer Bushing (Spig x Soc)	2 1/2 x 1
CPB-212114	"	2 1/2 x 1 1/4
CPB-212112	"	2 1/2 x 1 1/2
CPB-2122	"	2 1/2 x 2
CPB-31	"	3 x 1
CPB-3114	"	3 x 1 1/4
CPB-3112	"	3 x 1 1/2
CPB-32	"	3 x 2
CPB-3212	"	3 x 2 1/2
CPCAP-34	Cap (Soc)	3/4
CPCAP-100	"	1
CPCAP-114	"	1 1/4
CPCAP-112	"	1 1/2
CPCAP-200	"	2
CPCAP-212	"	2 1/2
CPCAP-3	"	3
CPCUP-34	Coupling (Soc x Soc)	3/4
CPCUP-100	"	1
CPCUP-114	"	1 1/4
CPCUP-112	"	1 1/2
CPCUP-200	"	2
CPCUP-212	"	2 1/2
CPCUP-300	"	3
CPGRV-114	Grooved Coupling (Soc x Groove)	1 1/4
CPGRV-112	"	1 1/2
CPGRV-200	"	2
CPGRV-212	"	2 1/2
CPGRV-3	"	3
CPFHAX-112B	Head Adapter Extension (Soc x Brass NPT)	1 x 1/2
CPFHAX-3412B	"	3/4 x 1/2
CPFHAX-112P	Head Adapter Extension (Soc x Plastic NPT)	1 x 1/2
CPFHAX-3412P	"	3/4 x 1/2
CPCRS-34	Cross (Soc x Soc x Soc x Soc)	3/4
CPCRS-100	"	1
CPCRS-114	"	1 1/4
CPCRS-112	"	1 1/2

CPCRS-200	"	2
CPFA-34	Female Adapter (Soc x NPT)	3/4
CPFA-100	"	1
CPFA-114	"	1 1/4
CPFA-112	"	1 1/2
CPFA-200	"	2
CPFHA-3412B	Female Head Adapter (Soc x Brass NPT)	3/4 x 1/2
CPFHA-112B	"	1 x 1/2
CPFHA-134B	"	1 x 3/4
CPFHA-3412P	Female Head Adapter (Soc x Plastic NPT)	3/4 x 1/2
CPFHA-112P	"	1 x 1/2
CPFTSA-34B	Female Thread Spigot Adapter (Spig x NPT)	3/4
CPFTSA-100B	"	1
CPRT-13434	Reducing Tee (Soc x Soc x Soc)	1 x 3/4 x 3/4
CPRT-1341	"	1 x 3/4 x 1
CPRT-1134	"	1 x 1 x 3/4
CPRT-34341	"	3/4 x 3/4 x 1
CPRT-114134	"	1 1/4 x 1 x 3/4
CPRT-11434	"	1 1/4 x 1 1/4 x 3/4
CPRT-114	"	1 1/4 x 1 1/4 x 1
CPRT-114112	"	1 1/4 x 1 1/4 x 1 1/2
CPRT-1141114	"	1 1/4 x 1 x 1 1/4
CPRT-11411	"	1 1/4 x 1 x 1
CPRT-11211434	"	1 1/2 x 1 1/4 x 3/4
CPRT-1121141	"	1 1/2 x 1 1/4 x 1
CPRT-11234	"	1 1/2 x 1 1/2 x 3/4
CPRT-1121	"	1 1/2 x 1 1/2 x 1
CPRT-112114	"	1 1/2 x 1 1/2 x 1 1/4
CPRT-1122	"	1 1/2 x 1 1/2 x 2
CPRT-2234	"	2 x 2 x 3/4
CPRT-221	"	2 x 2 x 1
CPRT-22114	"	2 x 2 x 1 1/4
CPRT-22112	"	2 x 2 x 1 1/2
CPRT-2122122	"	2 1/2 x 2 1/2 x 2
CPRT-212212112	"	2 1/2 x 2 1/2 x 1 1/2
CPRT-212212114	"	2 1/2 x 2 1/2 x 1 1/4
CPRT-2122121	"	2 1/2 x 2 1/2 x 1
CPRT-33212	"	3 x 3 x 2 1/2
CPRT-332	"	3 x 3 x 2

CPRT-33112	"	3 x 3 x 1 1/2
CPRT-33114	"	3 x 3 x 1 1/4
CPT-34	Tee (Soc x Soc x Soc)	3/4
CPT-100	"	1
CPT-114	"	1 1/4
CPT-112	"	1 1/2
CPT-200	"	2
CPT-212	"	2 1/2
CPT-300	"	3
CPT-1112B	Tee (Soc x Soc x FIPT)	1 x 1 x 1/2
CPT-1134	"	1 x 1 x 3/4
CPT-343412B	"	3/4 x 3/4 x 1/2

Soc = Solvent Weld Socket  
 Spig = Spigot End  
 NPT = Nominal Pipe Thread

<b>Company Name:</b>	ThermaFit Industries Inc
<b>Company Address:</b>	11120 Sherman Way, Sun Valley, California 91352, USA
<b>Company Website:</b>	<a href="http://www.nohubcoupling.com">http://www.nohubcoupling.com</a>
<b>New/Updated Product Listing:</b>	No
<b>Listing Country:</b>	United States of America
<b>Certification Type:</b>	FM Approved
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