

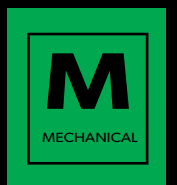


TITANPRESS™

CARBON STEEL PRESS FITTINGS



QUAD GRIP
360° STABILITY





TITANPRESS™

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TITANPRESS™



QUAD GRIP 360° STABILITY

Interlaced Quad Directional Grip Teeth Provides 360° of Ultimate Stability and Protection

TWIN SEAL LEAK PROOF

Wave Style Dual-Contact Sealing Element Provides Better Leak Protection and Resistance to Temperature Elevations

SMART PRESS CONNECT SYSTEM

Allows for Leakage Prior to Pressing to Help Easily Identify Unpressed Connections

TITANPRESS™

CARBON STEEL PRESS

For use with Sch.5 to Sch.40 Carbon Steel Pipe

G GAS

Designed for Gas & Fuel /Oil Piping Systems

Approved Systems:

- Natural Gas
- Compressed Air
- Propane
- Nitrogen
- Mineral Oil
- Heating Fuel Oil

M MECHANICAL

Designed for Hydronic & Fire Sprinkler Systems

Coming Soon

Approved Systems:

- Chilled Water
- Hydronic Heating
- Fire Sprinkler
- Low Pressure Steam
- Dry Compressed Air
- Technical Gases



ANSI LC 4-2012/4a-2013
CSA 6.32-2012/6.32a-2013 (R2021)



ANSI/CAN/UL 213
FM Class 1920, ASTM F3226

Product Facts:

- Designed for a variety of mechanical & gas applications
- For use with Sch. 5 to Sch. 40 Carbon Steel Pipe
- Packed in convenient color coated bags
- Broad offering of 400+ fitting configurations
- Products individually labeled for easy identification
- Available in diameters 1/2" - 2" (2-1/2" - 4" coming soon)



TITANPRESS™

ID LABEL

An easy and effective way of verifying completed joints or identifying unpressed joints. After pressing a joint, the installer removes the Label from the fitting by grabbing the non-adhesive area and pulling it off.

SMOOTH COAT

Satin zinc/nickel coating provides added protection, corrosion resistance and a consistent professional appearance.

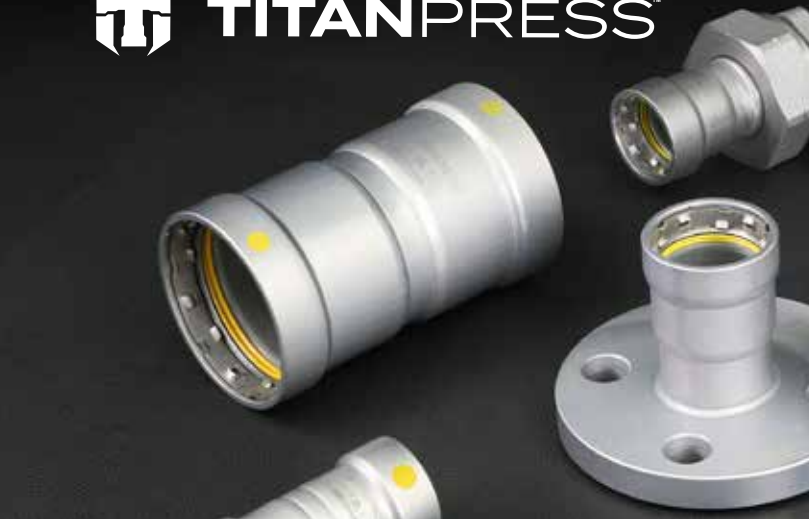




CARBON STEEL PRESS FITTINGS

Designed for Gas &
Fuel/Oil Piping Systems





CARBON STEEL PRESS FITTINGS



Designed for Gas & Fuel/Oil Piping Systems

Product Description:

Titanpress G Carbon Steel Press fittings designed for use in gas and fuel oil applications utilizing ASTM A53, Schedule 10 to Schedule 40 carbon steel pipe. Titanpress G Carbon Steel Press fittings are compatible with most common black iron pipe pressing tools and jaws. Fittings are color coded with yellow dot and removable sticker to notate its HNBR sealing element.

15 Year Limited Warranty for approved gas and fuel oil applications (non-industrial and non-marine applications)

Features and Advantages:

- For use with Sch. 5 to Sch. 40 Carbon Steel Pipe
- Broad offering of 200+ fitting configurations
- Products color coded for easy identification
- Available in diameters 1/2" - 2" (2-1/2" - 4" coming soon)
- QuadGrip™ Interlaced Grip Teeth Provide 360° stability
- Smart Press LBP (Leak Before Press) system

Compatible Pipe:

- ASTM A53 Schedule 5 to Schedule 40 carbon steel pipe

Components:

- Carbon steel body with zinc/nickel corrosion-resistant coating
- HNBR Sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring

Operating Performance:

- Operating Pressure: 125 psi max for fuel gas applications
200 PSI Max for other approved applications
- Test Pressure: 600 psi max
- Temperature Range: -40°F to 180°F for fuel gas applications

Certificates and Listings:

- CSA: ANSI LC 4a/CSA 6.32a
- IAPMO: ANSI LC 4a/CSA 6.32a

Approved Systems:

- Natural Gas (up to 125 PSI)
- Propane (up to 125 PSI)
- Mineral Oil (up to 200 PSI)
- Compressed Air (up to 200 PSI)
- Nitrogen (up to 200 PSI)
- Heating Fuel Oil (up to 125 PSI)

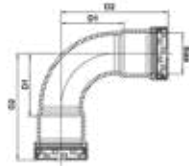
Complies With:

- Uniform Mechanical Code (UMC)
- Uniform Plumbing Code (UPC)
- NFPA 54 and 58
- International Mechanical Code (IMC)
- International Plumbing Code (IPC)
- International Fuel Gas Code (IFGC)
- ASME B31: Code for Pressure Piping



90° Elbow

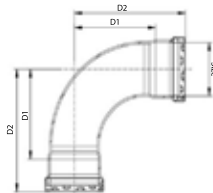
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPLN0012G	1/2"	5	60	0.430	1.55	2.62
TPLN0034G	3/4"	5	35	0.600	1.88	3.03
TPLN0100G	1"	5	20	1.030	2.3	3.64
TPLN0114G	1-1/4"	1	12	1.546	2.6	4.42
TPLN0112G	1-1/2"	1	10	1.958	2.91	4.78
TPLN0200G	2"	1	8	2.879	3.59	5.6

90° Elbow XL

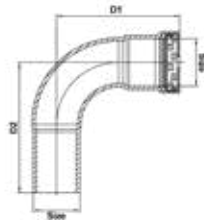
P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPLN0212G	2-1/2"	1	5	3.657	4.90	6.69
TPLN0300G	3"	1	5	5.236	5.73	8.03
TPLN0400G	4"	1	3	8.690	7.28	10.43

90° Street Elbow

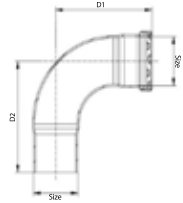
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPSN0012G	1/2"	5	60	0.432	2.62	2.76
TPSN0034G	3/4"	5	35	0.611	3.03	3.11
TPSN0100G	1"	5	20	1.060	3.64	3.76
TPSN0114G	1-1/4"	1	16	1.563	4.42	4.51
TPSN0112G	1-1/2"	1	12	1.955	4.78	4.82
TPSN0200G	2"	1	8	2.961	5.60	5.73

90° Street Elbow XL

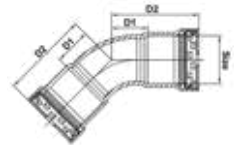
FTG x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPSN0212G	2-1/2"	1	5	3.441	4.90	6.69
TPSN0300G	3"	1	5	4.694	5.73	8.03
TPSN0400G	4"	1	3	8.022	7.28	10.43

45° Elbow

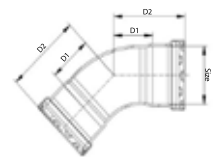
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPFF0012G	1/2"	5	60	0.351	0.80	1.87
TPFF0034G	3/4"	5	35	0.503	0.98	2.13
TPFF0100G	1"	5	20	0.805	1.16	2.50
TPFF0114G	1-1/4"	1	16	1.252	1.30	3.12
TPFF0112G	1-1/2"	1	12	1.587	1.47	3.34
TPFF0200G	2"	1	10	2.198	1.72	3.73

45° Elbow XL

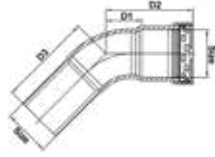
P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPFF0212G	2-1/2"	1	7	2.562	2.44	4.22
TPFF0300G	3"	1	5	3.668	2.85	5.14
TPFF0400G	4"	1	3	6.184	3.60	6.73

45° Street Elbow

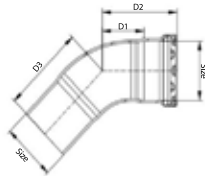
FTG x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3
TPSF0012G	1/2"	5	60	0.355	0.80	1.87	2.01
TPSF0034G	3/4"	5	55	0.492	0.98	2.13	2.20
TPSF0100G	1"	5	30	0.827	1.16	2.50	2.62
TPSF0114G	1-1/4"	1	20	1.250	1.30	3.12	3.21
TPSF0112G	1-1/2"	1	16	1.565	1.47	3.34	3.39
TPSF0200G	2"	1	10	2.266	1.72	3.73	3.86

45° Street Elbow XL

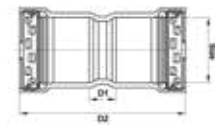
FTG x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3
TPSF0212G	2-1/2"	1	7	2.557	2.44	4.23	4.23
TPSF0300G	3"	1	5	3.521	2.85	5.16	5.16
TPSF0400G	4"	1	3	5.999	3.60	6.75	6.75

Coupling

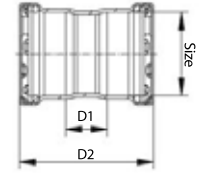
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPCP0012G	1/2"	5	100	0.267	0.56	2.70
TPCP0034G	3/4"	5	70	0.353	0.63	2.93
TPCP0100G	1"	5	50	0.571	0.57	3.27
TPCP0114G	1-1/4"	1	25	0.937	0.70	4.33
TPCP0112G	1-1/2"	1	20	1.166	0.89	4.63
TPCP0200G	2"	1	12	1.488	0.79	4.80

Coupling XL

P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPCP0212G	2-1/2"	1	25	1.735	1.61	5.31
TPCP0300G	3"	1	9	2.643	2.01	6.73
TPCP0400G	4"	1	5	4.277	2.24	8.66

Coupling No Stop

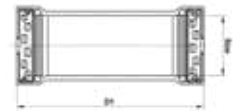
P x P



PART #	SIZE	BG	CS	WEIGHT	D1
TPCL0012G	1/2"	5	100	0.273	3.82
TPCL0034G	3/4"	5	70	0.362	4.00
TPCL0100G	1"	5	50	0.562	4.37
TPCL0114G	1-1/4"	1	25	0.963	5.33
TPCL0112G	1-1/2"	1	20	1.164	5.43
TPCL0200G	2"	1	12	1.369	5.63

Coupling No Stop XL

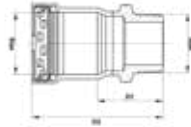
P x P



PART #	SIZE	BX	CS	WEIGHT	D1
TPCL0212G	2-1/2"	1	25	1.744	5.31
TPCL0300G	3"	1	9	2.652	6.73
TPCL0400G	4"	1	5	4.281	8.66

Male Adapter

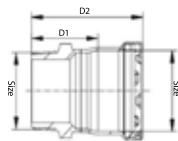
P x MPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPMA0012G	1/2"	5	100	0.247	1.61	2.68
TPMA0034G	3/4"	5	75	0.348	1.67	2.83
TPMA0100G	1"	5	40	0.564	1.81	3.19
TPMA0114G	1-1/4"	1	25	0.935	1.97	3.80
TPMA0112G	1-1/2"	1	25	1.058	2.11	3.96
TPMA0200G	2"	1	16	1.591	2.22	4.23

Male Adapter XL

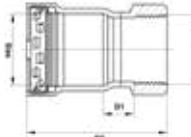
P x MPT



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPMA0212G	2-1/2"	1	25	2.099	3.37	5.16
TPMA0300G	3"	1	13	3.622	3.19	5.49
TPMA0400G	4"	1	9	5.664	3.98	7.13

Female Adapter

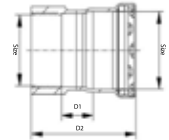
P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPFA0012G	1/2"	5	100	0.240	0.75	2.48
TPFA0034G	3/4"	5	80	0.328	0.85	2.74
TPFA0100G	1"	5	40	0.602	0.94	3.09
TPFA0114G	1-1/4"	1	25	0.831	0.91	3.54
TPFA0112G	1-1/2"	1	24	1.019	0.94	3.66
TPFA0200G	2"	1	12	1.389	0.79	3.82

Female Adapter XL

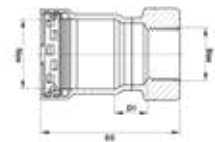
P x FPT



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPFA0212G	2-1/2"	1	25	2.205	1.40	4.37
TPFA0300G	3"	1	13	2.718	1.57	5.30
TPFA0400G	4"	1	9	4.491	1.65	6.42

Reducing Female Adapter

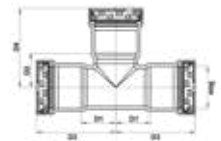
P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPFA3412G	3/4" x 1/2"	5	70	0.364	0.73	2.62
TPFA1012G	1" x 1/2"	5	40	0.492	1.03	3.52
TPFA1034G	1" x 3/4"	5	40	0.642	0.67	2.85
TPFA1112G	1-1/4" x 1/2"	1	40	0.725	1.02	4
TPFA1134G	1-1/4" x 3/4"	1	35	0.767	1.06	4.04
TPFA1110G	1-1/4" x 1"	1	20	1.049	0.82	3.56
TPFA1512G	1-1/2" x 1/2"	1	30	0.873	1.28	4.11
TPFA1534G	1-1/2" x 3/4"	1	30	0.880	1.32	4.15
TPFA1510G	1-1/2" x 1"	1	20	1.444	0.89	3.68
TPFA1511G	1-1/2" x 1-1/4"	1	24	1.168	0.79	3.64
TPFA2012G	2" x 1/2"	1	24	1.135	1.30	4.15
TPFA2034G	2" x 3/4"	1	24	1.127	1.34	4.19
TPFA2010G	2" x 1"	1	20	1.296	1.50	4.43
TPFA2011G	2" x 1-1/4"	1	20	1.296	1.40	4.41
TPFA2015G	2" x 1-1/2"	1	12	1.836	0.81	3.84

Tee

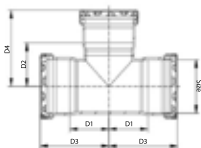
P x P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4
TPTE0012G	1/2"	5	45	0.518	0.97	0.96	2.04	2.03
TPTE0034G	3/4"	5	40	0.702	1.11	1.09	2.26	2.24
TPTE0100G	1"	5	20	1.131	1.23	1.24	2.57	2.58
TPTE0114G	1-1/4"	1	10	1.810	1.41	1.39	3.23	3.20
TPTE0112G	1-1/2"	1	10	2.211	1.57	1.56	3.44	3.43
TPTE0200G	2"	1	8	2.989	1.81	1.75	3.82	3.76

Tee XL

P x P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4
TPTE0212G	2-1/2"	1	9	3.468	2.36	2.26	4.21	4.06
TPTE0300G	3"	1	5	5.055	2.74	2.78	5.10	4.88
TPTE0400G	4"	1	3	8.142	3.58	3.43	6.46	6.50

Reducing Tee

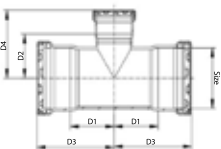
P x P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4
TPRT3412G	3/4" x 3/4" x 1/2"	5	35	0.657	1.11	1.06	2.26	2.13
TPRT1112G	1" x 1" x 1/2"	5	20	0.999	1.23	1.19	2.57	2.18
TPRT1134G	1" x 1" x 3/4"	5	20	1.030	1.23	1.23	2.57	2.29
TPRT1412G	1-1/4" x 1-1/4" x 1/2"	1	12	1.479	1.41	1.35	3.23	2.33
TPRT1434G	1-1/4" x 1-1/4" x 3/4"	1	12	1.559	1.41	1.39	3.23	2.44
TPRT1410G	1-1/4" x 1-1/4" x 1"	1	12	1.660	1.41	1.40	3.23	2.63
TPRT1512G	1-1/2" x 1-1/2" x 1/2"	1	10	1.806	1.57	1.45	3.44	2.42
TPRT1534G	1-1/2" x 1-1/2" x 3/4"	1	10	1.861	1.57	1.48	3.44	2.54
TPRT1510G	1-1/2" x 1-1/2" x 1"	1	10	1.966	1.57	1.5	3.44	2.73
TPRT1511G	1-1/2" x 1-1/2" x 1-1/4"	1	10	2.094	1.57	1.96	3.44	3.18
TPRT2212G	2" x 2" x 1/2"	1	8	2.513	1.81	1.75	3.82	2.71
TPRT2234G	2" x 2" x 3/4"	1	8	2.540	1.81	1.78	3.82	2.82
TPRT2210G	2" x 2" x 1"	1	8	2.604	1.81	1.79	3.82	3.01
TPRT2211G	2" x 2" x 1-1/4"	1	8	2.787	1.81	1.78	3.82	3.47
TPRT2215G	2" x 2" x 1-1/2"	1	8	2.846	1.81	1.85	3.82	3.58

Reducing Tee XL

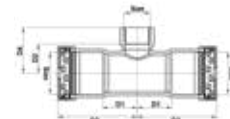
P x P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4
TPRT2515G	2-1/2" x 2-1/2" x 1-1/2"	1	9	3.299	2.36	2.09	4.21	3.43
TPRT2520G	2-1/2" x 2-1/2" x 2"	1	9	3.420	2.36	2.07	4.21	3.90
TPRT3311G	3" x 3" x 1-1/4"	1	5	4.340	2.36	2.19	4.21	4.06
TPRT3315G	3" x 3" x 1-1/2"	1	5	4.448	2.36	2.09	4.21	3.09
TPRT3320G	3" x 3" x 2"	1	5	4.582	2.74	2.36	5.10	3.19
TPRT3325G	3" x 3" x 2-1/2"	1	5	4.645	2.74	2.44	5.10	4.31
TPRT4415G	4" x 4" x 1-1/2"	1	3	6.798	2.74	2.34	5.10	4.35
TPRT4420G	4" x 4" x 2"	1	3	6.926	2.74	2.64	5.10	4.43
TPRT4425G	4" x 4" x 2-1/2"	1	3	6.982	3.58	2.93	6.46	4.80
TPRT4430G	4" x 4" x 3"	1	3	7.377	3.58	2.83	6.46	4.84
TPRT2510G	2-1/2" x 2-1/2" x 1"	1	9	2.967	3.58	3.13	6.46	4.92
TPRT2511G	2-1/2" x 2-1/2" x 1-1/4"	1	9	3.149	3.58	3.27	6.46	5.57

Female Tee

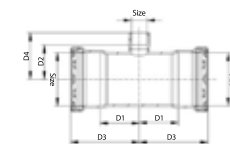
P x P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4
TPFT3412G	3/4" x 3/4" x 1/2"	5	35	0.615	1.11	0.87	2.26	1.71
TPFT0034G	3/4" x 3/4" x 3/4"	5	35	0.659	1.11	0.91	2.26	1.75
TPFT1112G	1" x 1" x 1/2"	5	20	0.963	1.23	1	2.56	1.83
TPFT1134G	1" x 1" x 3/4"	5	20	0.979	1.23	1.04	2.56	1.89
TPFT1412G	1-1/4" x 1-1/4" x 1/2"	1	12	1.435	1.41	1.16	3.23	2.01
TPFT1434G	1-1/4" x 1-1/4" x 3/4"	1	12	1.515	1.41	1.20	3.23	2.05
TPFT1410G	1-1/4" x 1-1/4" x 1"	1	12	1.691	1.41	1.36	3.23	2.28
TPFT1512G	1-1/2" x 1-1/2" x 1/2"	1	10	1.781	1.57	1.26	3.44	2.11
TPFT2234G	2" x 2" x 3/4"	1	8	1.799	1.81	1.59	3.82	2.44
TPFT2210G	2" x 2" x 1"	1	8	1.980	1.81	1.75	3.82	2.68
TPFT2211G	2" x 2" x 1-1/4"	1	8	2.097	1.81	1.65	3.82	2.66
TPFT2215G	2" x 2" x 1-1/2"	1	8	2.460	1.81	1.57	3.82	2.58
TPFT1534G	1-1/2" x 1-1/2" x 3/4"	1	10	2.491	1.57	1.30	3.44	2.15
TPFT1510G	1-1/2" x 1-1/2" x 1"	1	10	2.657	1.57	1.46	3.44	2.38
TPFT1511G	1-1/2" x 1-1/2" x 1-1/4"	1	10	2.665	1.57	1.36	3.44	2.36
TPFT2212G	2" x 2" x 1/2"	1	8	2.703	1.81	1.56	3.82	2.40

Female Tee XL

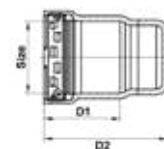
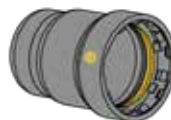
P x P x FPT



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4
TPRT2534G	2-1/2" x 2-1/2" x 3/4"	1	9	2.925	2.36	1.89	4.21	2.56
TPRT3334G	3" x 3" x 3/4"	1	5	3.862	2.74	2.19	5.10	2.85
TPRT4434G	4" x 4" x 3/4"	1	3	5.029	3.58	2.68	6.46	3.35

Cap

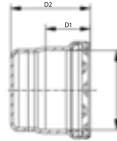
P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPEC0012G	1/2"	5	120	0.205	1.07	2.17
TPEC0034G	3/4"	5	80	0.271	1.15	2.28
TPEC0100G	1"	5	50	0.425	1.34	2.48
TPEC0114G	1-1/4"	1	35	0.659	1.82	2.95
TPEC0112G	1-1/2"	1	30	0.796	1.87	3.07
TPEC0200G	2"	1	20	1.069	2.01	3.11

Cap XL

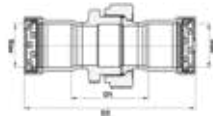
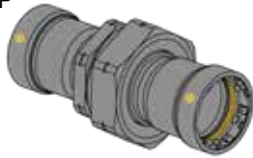
P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPEC0212G	2-1/2"	1	17	1.213	1.79	3.19
TPEC0300G	3"	1	13	1.748	2.30	3.84
TPEC0400G	4"	1	13	2.824	3.15	4.84

Union

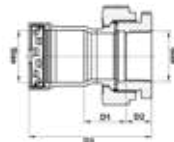
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPUN0012G	1/2"	5	25	0.794	2.41	4.55
TPUN0034G	3/4"	5	20	1.415	2.71	5.02
TPUN0100G	1"	5	10	2.147	2.78	5.45
TPUN0114G	1-1/4"	1	8	3.278	3.02	6.65
TPUN0112G	1-1/2"	1	6	3.521	3.27	7.01
TPUN0200G	2"	1	5	4.594	3.70	7.64

Female Union

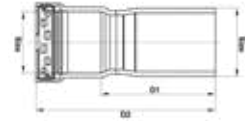
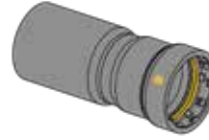
P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3
TPFU0012G	1/2"	5	40	0.631	1.16	0.65	2.77
TPFU0034G	3/4"	5	20	1.190	1.37	0.69	3.09
TPFU0100G	1"	5	10	1.788	1.34	0.79	3.33
TPFU0114G	1-1/4"	1	8	2.573	1.39	0.85	3.90
TPFU0112G	1-1/2"	1	8	2.595	1.59	0.81	4.11
TPFU0200G	2"	1	6	3.503	2.09	0.87	4.73

Street Reducer

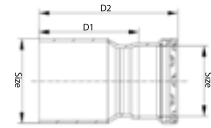
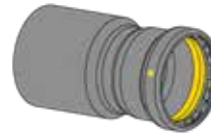
FTG x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPSR3412G	3/4" x 1/2"	5	80	0.290	1.96	3.03
TPSR1012G	1" x 1/2"	5	60	0.386	2.16	3.23
TPSR1034G	1" x 3/4"	5	45	0.428	2.19	3.35
TPSR1110G	1-1/4" x 1"	1	30	0.699	2.64	3.98
TPSR1534G	1-1/2" x 3/4"	1	30	0.822	3.18	4.33
TPSR1510G	1-1/2" x 1"	1	25	0.933	3.19	4.53
TPSR1511G	1-1/2" x 1-1/4"	1	20	1.120	3.18	5
TPSR2010G	2" x 1"	1	20	1.151	3.41	4.92
TPSR2011G	2" x 1-1/4"	1	16	1.351	3.38	5.20
TPSR2011G	2" x 1-1/4"	1	16	1.413	3.44	5.31

Street Reducer XL

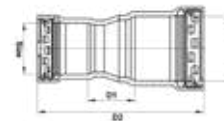
P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
TPSR2510G	2-1/2" x 1"	1	25	1.462	4.21	5.55
TPSR2511G	2-1/2" x 1-1/4"	1	25	1.632	4.19	6.02
TPSR2515G	2-1/2" x 1-1/2"	1	25	1.734	4.27	6.14
TPSR2520G	2-1/2" x 2"	1	25	1.586	3.19	5.20
TPSR3011G	3" x 1-1/4"	1	13	2.047	4.45	6.28
TPSR3015G	3" x 1-1/2"	1	13	2.148	4.53	6.40
TPSR3020G	3" x 2"	1	13	2.252	4.43	6.44
TPSR3025G	3" x 2-1/2"	1	13	2.200	4.53	6.32
TPSR4015G	4" x 1-1/2"	1	7	3.202	5.55	7.42
TPSR4020G	4" x 2"	1	7	3.308	5.45	7.46
TPSR4025G	4" x 2-1/2"	1	7	3.338	5.75	7.54
TPSR4030G	4" x 3"	1	7	3.693	5.91	8.21

Reducing Coupling

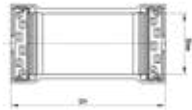
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
TPRC3412G	3/4" x 1/2"	5	60	0.370	1.20	3.43
TPRC1012G	1" x 1/2"	5	45	0.545	1.22	3.94
TPRC1034G	1" x 3/4"	5	50	0.549	1.25	3.74
TPRC1134G	1-1/4" x 3/4"	1	35	0.818	1.24	4.53
TPRC1110G	1-1/4" x 1"	1	25	0.899	1.25	4.41
TPRC1511G	1-1/2" x 1-1/4"	1	20	1.160	1.31	5
TPRC2011G	2" x 1-1/4"	1	16	1.462	1.53	5.35
TPRC2015G	2" x 1-1/2"	1	16	1.389	1.48	5.35

Coupling No Stop Extended

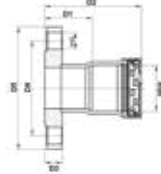
P x P



PART #	SIZE	BG	CS	WEIGHT	D1
TPXL0012G	1/2"	5	70	0.375	2.70
TPXL0034G	3/4"	5	55	0.481	2.90
TPXL0100G	1"	5	30	0.741	3.30
TPXL0114G	1-1/4"	1	20	1.113	4.30
TPXL0112G	1-1/2"	1	16	1.334	4.60
TPXL0200G	2"	1	14	1.733	4.80

Flange

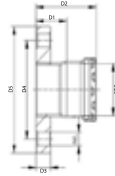
P x FLANGE



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4	D5	NXL
TPFL0012G	1/2"	1	20	1.129	1.37	2.28	0.46	2.36	3.54	4x0.63
TPFL0034G	3/4"	1	15	1.607	1.44	2.52	0.52	2.76	3.94	4x0.63
TPFL0100G	1"	1	10	2.246	1.61	2.89	0.58	3.11	4.33	4x0.63
TPFL0114G	1-1/4"	1	8	2.813	1.76	3.56	0.64	3.50	4.53	4x0.63
TPFL0112G	1-1/2"	1	6	3.649	1.93	3.78	0.70	3.86	4.92	4x0.63
TPFL0200G	2"	1	4	5.798	1.93	3.90	0.77	4.76	5.91	4x0.75

Flange XL

P x FLANGE



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4	D5	NXL
TPAF0212G	2-1/2"	1	5	8.333	1.87	3.66	0.89	5.51	7.09	4x0.75
TPAF0300G	3"	1	5	10.009	2.07	4.37	0.96	5.98	7.48	4x0.75
TPAF0400G	4"	1	5	14.125	2.05	5.20	0.96	7.52	7.87	4x0.75

M
MECHANICAL

EPDM

FKM

CARBON STEEL PRESS FITTINGS

Designed for Hydronic & Fire Sprinkler Systems





CARBON STEEL PRESS FITTINGS

Designed for Mechanical and Fire Sprinkler Systems

Product Description:

Titanpress M Carbon Steel Press fittings designed for use in mechanical & fire sprinkler applications utilizing STM A53, Schedule 10 to Schedule 40 carbon steel pipe. Titanpress M Carbon Steel Press fittings are compatible with most common black iron pipe pressing tools and jaws. Fittings are color coded with green dot (EPDM) or white dot (FKM) and removable sticker for easy identification.

15 Year Limited Warranty for approved applications (non-industrial and non-marine applications)

Features and Advantages:

- For use with Sch. 5 to Sch. 40 Carbon Steel Pipe
- Broad offering of 200+ fitting configurations
- Products color coded for easy identification
- Available in diameters 1/2" - 2" (2-1/2" - 4" coming soon)
- QuadGrip™ Interlaced Grip Teeth Provide 360° stability
- Smart Press LBP (Leak Before Press) system

Compatible Pipe:

- STM A53, A106, A135, and A795 Schedule 5 to Schedule 40 carbon steel pipe Schedule 80 pipe with low pressure

Components:

- Carbon steel body with zinc/nickel corrosion-resistant coating
- EPDM Sealing element
- FKM Sealing element for 2-1/2" to 4" fittings
- 304 stainless steel separator ring
- Added support ring for 2-1/2" to 4" fittings
- 420 stainless steel grip ring

Operating Performance:

- Operating Pressure: 200 PSI CWP Max
- Test Pressure: 600 PSI CWP Max
- Temperature Range EPDM: 0°F to 250°F
- Temperature Range FKM: 14°F - 284°F (with spikes up to 356°F)

Certificates and Listings:

- UL 213 Listed
- ASTM F3226
- FM Class 1920
- 2-1/2" to 4" Fittings w/ FKM FM Class 1920

Approved Systems:

- Chilled Water (up to 200 PSI)
- Hydronic Heating (up to 200 PSI)
- Fire Sprinkler (up to 200 PSI)
- Low Pressure Steam (up to 15 PSI)
- Dry Compressed Air
- Technical Gases

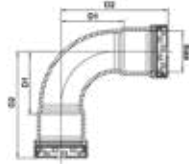
Complies With:

- Uniform Mechanical Code (UMC)
- Uniform Plumbing Code (UPC)
- NFPA 13, 13D and 13R
- International Mechanical Code (IMC)
- International Plumbing Code (IPC)
- IAPMO PS-117
- ASME B31: Code for Pressure Piping



90° Elbow

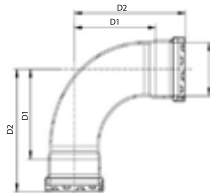
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPLN0012	1/2"	5	60	0.430	1.55	2.62
MPLN0034	3/4"	5	35	0.600	1.88	3.03
MPLN0100	1"	5	20	1.030	2.3	3.64
MPLN0114	1-1/4"	1	12	1.546	2.6	4.42
MPLN0112	1-1/2"	1	10	1.958	2.91	4.78
MPLN0200	2"	1	8	2.879	3.59	5.6

90° Elbow XL

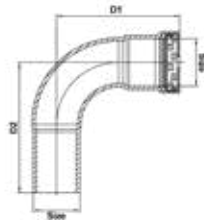
P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPLN0212-XF	2-1/2"	1	5	3.657	4.90	6.69
MPLN0300-XF	3"	1	5	5.236	5.73	8.03
MPLN0400-XF	4"	1	3	8.690	7.28	10.43

90° Street Elbow

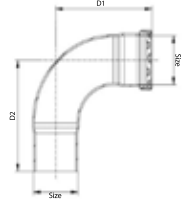
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPSN0012	1/2"	5	60	0.432	2.62	2.76
MPSN0034	3/4"	5	35	0.611	3.03	3.11
MPSN0100	1"	5	20	1.060	3.64	3.76
MPSN0114	1-1/4"	1	16	1.563	4.42	4.51
MPSN0112	1-1/2"	1	12	1.955	4.78	4.82
MPSN0200	2"	1	8	2.961	5.60	5.73

90° Street Elbow XL

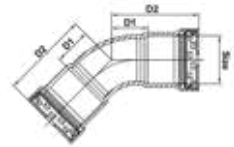
FTG x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPSN0212-XF	2-1/2"	1	5	3.441	4.90	6.69
MPSN0300-XF	3"	1	5	4.694	5.73	8.03
MPSN0400-XF	4"	1	3	8.022	7.28	10.43

45° Elbow

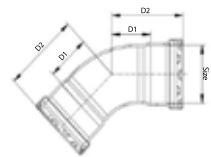
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPFF0012	1/2"	5	60	0.351	0.80	1.87
MPFF0034	3/4"	5	35	0.503	0.98	2.13
MPFF0100	1"	5	20	0.805	1.16	2.50
MPFF0114	1-1/4"	1	16	1.252	1.30	3.12
MPFF0112	1-1/2"	1	12	1.587	1.47	3.34
MPFF0200	2"	1	10	2.198	1.72	3.73

45° Elbow XL

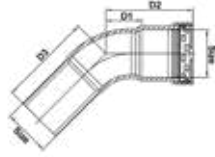
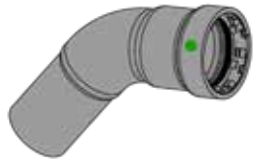
P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPFF0212-XF	2-1/2"	1	7	2.562	2.44	4.22
MPFF0300-XF	3"	1	5	3.668	2.85	5.14
MPFF0400-XF	4"	1	3	6.184	3.60	6.73

45° Street Elbow

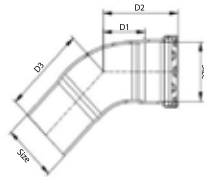
FTG x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3
MPSF0012	1/2"	5	60	0.355	0.80	1.87	2.01
MPSF0034	3/4"	5	55	0.492	0.98	2.13	2.20
MPSF0100	1"	5	30	0.827	1.16	2.50	2.62
MPSF0114	1-1/4"	1	20	1.250	1.30	3.12	3.21
MPSF0112	1-1/2"	1	16	1.565	1.47	3.34	3.39
MPSF0200	2"	1	10	2.266	1.72	3.73	3.86

45° Street Elbow XL

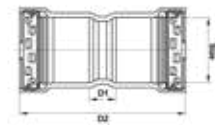
FTG x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3
MPSF0212-XF	2-1/2"	1	7	2.557	2.44	4.23	4.23
MPSF0300-XF	3"	1	5	3.521	2.85	5.16	5.16
MPSF0400-XF	4"	1	3	5.999	3.60	6.75	6.75

Coupling

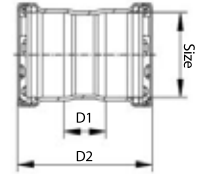
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPCP0012	1/2"	5	100	0.267	0.56	2.70
MPCP0034	3/4"	5	70	0.353	0.63	2.93
MPCP0100	1"	5	50	0.571	0.57	3.27
MPCP0114	1-1/4"	1	25	0.937	0.70	4.33
MPCP0112	1-1/2"	1	20	1.166	0.89	4.63
MPCP0200	2"	1	12	1.488	0.79	4.80

Coupling XL

P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPCP0212-XF	2-1/2"	1	25	1.735	1.61	5.31
MPCP0300-XF	3"	1	9	2.643	2.01	6.73
MPCP0400-XF	4"	1	5	4.277	2.24	8.66

Coupling No Stop

P x P



PART #	SIZE	BG	CS	WEIGHT	D1
MPCL0012	1/2"	5	100	0.273	3.82
MPCL0034	3/4"	5	70	0.362	4.00
MPCL0100	1"	5	50	0.562	4.37
MPCL0114	1-1/4"	1	25	0.963	5.33
MPCL0112	1-1/2"	1	20	1.164	5.43
MPCL0200	2"	1	12	1.369	5.63

Coupling No Stop XL

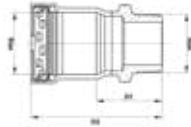
P x P



PART #	SIZE	BX	CS	WEIGHT	D1
MPCL0212-XF	2-1/2"	1	25	1.744	5.31
MPCL0300-XF	3"	1	9	2.652	6.73
MPCL0400-XF	4"	1	5	4.281	8.66

Male Adapter

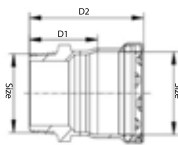
P x MPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPMA0012	1/2"	5	100	0.247	1.61	2.68
MPMA0034	3/4"	5	75	0.348	1.67	2.83
MPMA0100	1"	5	40	0.564	1.81	3.19
MPMA0114	1-1/4"	1	25	0.935	1.97	3.80
MPMA0112	1-1/2"	1	25	1.058	2.11	3.96
MPMA0200	2"	1	16	1.591	2.22	4.23

Male Adapter XL

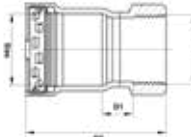
P x MPT



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPMA0212-XF	2-1/2"	1	25	2.099	3.37	5.16
MPMA0300-XF	3"	1	13	3.622	3.19	5.49
MPMA0400-XF	4"	1	9	5.664	3.98	7.13

Female Adapter

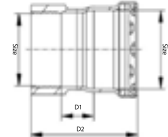
P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPFA0012	1/2"	5	100	0.240	0.75	2.48
MPFA0034	3/4"	5	80	0.328	0.85	2.74
MPFA0100	1"	5	40	0.602	0.94	3.09
MPFA0114	1-1/4"	1	25	0.831	0.91	3.54
MPFA0112	1-1/2"	1	24	1.019	0.94	3.66
MPFA0200	2"	1	12	1.389	0.79	3.82

Female Adapter XL

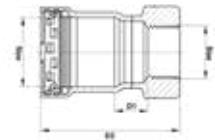
P x FPT



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPFA0212-XF	2-1/2"	1	25	2.205	1.40	4.37
MPFA0300-XF	3"	1	13	2.718	1.57	5.30
MPFA0400-XF	4"	1	9	4.491	1.65	6.42

Reducing Female Adapter

P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPFA3412	3/4" x 1/2"	5	70	0.364	0.73	2.62
MPFA1012	1" x 1/2"	5	40	0.492	1.03	3.52
MPFA1034	1" x 3/4"	5	40	0.642	0.67	2.85
MPFA1112	1-1/4" x 1/2"	1	40	0.725	1.02	4
MPFA1134	1-1/4" x 3/4"	1	35	0.767	1.06	4.04
MPFA1110	1-1/4" x 1"	1	20	1.049	0.82	3.56
MPFA1512	1-1/2" x 1/2"	1	30	0.873	1.28	4.11
MPFA1534	1-1/2" x 3/4"	1	30	0.880	1.32	4.15
MPFA1510	1-1/2" x 1"	1	20	1.444	0.89	3.68
MPFA1511	1-1/2" x 1-1/4"	1	24	1.168	0.79	3.64
MPFA2012	2" x 1/2"	1	24	1.135	1.30	4.15
MPFA2034	2" x 3/4"	1	24	1.127	1.34	4.19
MPFA2010	2" x 1"	1	20	1.296	1.50	4.43
MPFA2011	2" x 1-1/4"	1	20	1.296	1.40	4.41
MPFA2015	2" x 1-1/2"	1	12	1.836	0.81	3.84

Tee

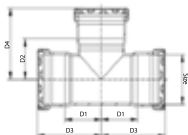
P x P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4
MPTE0012	1/2"	5	45	0.518	0.97	0.96	2.04	2.03
MPTE0034	3/4"	5	40	0.702	1.11	1.09	2.26	2.24
MPTE0100	1"	5	20	1.131	1.23	1.24	2.57	2.58
MPTE0114	1-1/4"	1	10	1.810	1.41	1.39	3.23	3.20
MPTE0112	1-1/2"	1	10	2.211	1.57	1.56	3.44	3.43
MPTE0200	2"	1	8	2.989	1.81	1.75	3.82	3.76

Tee XL

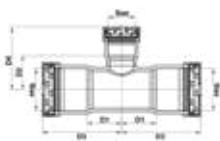
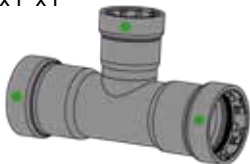
P x P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4
MPTE0212-XF	2-1/2"	1	9	3.468	2.36	2.26	4.21	4.06
MPTE0300-XF	3"	1	5	5.055	2.74	2.78	5.10	4.88
MPTE0400-XF	4"	1	3	8.142	3.58	3.43	6.46	6.50

Reducing Tee

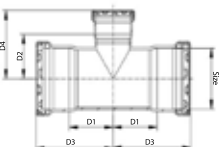
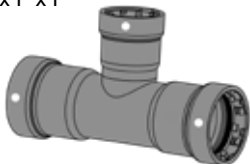
P x P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4
MPRT3412	3/4" x 3/4" x 1/2"	5	35	0.657	1.11	1.06	2.26	2.13
MPRT1112	1" x 1" x 1/2"	5	20	0.999	1.23	1.19	2.57	2.18
MPRT1134	1" x 1" x 3/4"	5	20	1.030	1.23	1.23	2.57	2.29
MPRT1412	1-1/4" x 1-1/4" x 1/2"	1	12	1.479	1.41	1.35	3.23	2.33
MPRT1434	1-1/4" x 1-1/4" x 3/4"	1	12	1.559	1.41	1.39	3.23	2.44
MPRT1410	1-1/4" x 1-1/4" x 1"	1	12	1.660	1.41	1.40	3.23	2.63
MPRT1512	1-1/2" x 1-1/2" x 1/2"	1	10	1.806	1.57	1.45	3.44	2.42
MPRT1534	1-1/2" x 1-1/2" x 3/4"	1	10	1.861	1.57	1.48	3.44	2.54
MPRT1510	1-1/2" x 1-1/2" x 1"	1	10	1.966	1.57	1.5	3.44	2.73
MPRT1511	1-1/2" x 1-1/2" x 1-1/4"	1	10	2.094	1.57	1.96	3.44	3.18
MPRT2212	2" x 2" x 1/2"	1	8	2.513	1.81	1.75	3.82	2.71
MPRT2234	2" x 2" x 3/4"	1	8	2.540	1.81	1.78	3.82	2.82
MPRT2210	2" x 2" x 1"	1	8	2.604	1.81	1.79	3.82	3.01
MPRT2211	2" x 2" x 1-1/4"	1	8	2.787	1.81	1.78	3.82	3.47
MPRT2215	2" x 2" x 1-1/2"	1	8	2.846	1.81	1.85	3.82	3.58

Reducing Tee XL

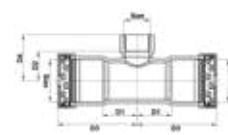
P x P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4
MPRT2515-XF	2-1/2" x 2-1/2" x 1-1/2"	1	9	3.299	2.36	2.09	4.21	3.43
MPRT2520-XF	2-1/2" x 2-1/2" x 2"	1	9	3.420	2.36	2.07	4.21	3.90
MPRT3311-XF	3" x 3" x 1-1/4"	1	5	4.340	2.36	2.19	4.21	4.06
MPRT3315-XF	3" x 3" x 1-1/2"	1	5	4.448	2.36	2.09	4.21	3.09
MPRT3320-XF	3" x 3" x 2"	1	5	4.582	2.74	2.36	5.10	3.19
MPRT3325-XF	3" x 3" x 2-1/2"	1	5	4.645	2.74	2.44	5.10	4.31
MPRT4415-XF	4" x 4" x 1-1/2"	1	3	6.798	2.74	2.34	5.10	4.35
MPRT4420-XF	4" x 4" x 2"	1	3	6.926	2.74	2.64	5.10	4.43
MPRT4425-XF	4" x 4" x 2-1/2"	1	3	6.982	3.58	2.93	6.46	4.80
MPRT4430-XF	4" x 4" x 3"	1	3	7.377	3.58	2.83	6.46	4.84
MPRT2510-XF	2-1/2" x 2-1/2" x 1"	1	9	2.967	3.58	3.13	6.46	4.92
MPRT2511-XF	2-1/2" x 2-1/2" x 1-1/4"	1	9	3.149	3.58	3.27	6.46	5.57

Female Tee

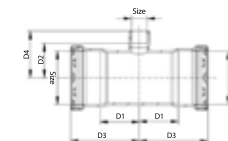
P x P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4
MPFT3412	3/4" x 3/4" x 1/2"	5	35	0.615	1.11	0.87	2.26	1.71
MPFT0034	3/4" x 3/4" x 3/4"	5	35	0.659	1.11	0.91	2.26	1.75
MPFT1112	1" x 1" x 1/2"	5	20	0.963	1.23	1	2.56	1.83
MPFT1134	1" x 1" x 3/4"	5	20	0.979	1.23	1.04	2.56	1.89
MPFT1412	1-1/4" x 1-1/4" x 1/2"	1	12	1.435	1.41	1.16	3.23	2.01
MPFT1434	1-1/4" x 1-1/4" x 3/4"	1	12	1.515	1.41	1.20	3.23	2.05
MPFT1410	1-1/4" x 1-1/4" x 1"	1	12	1.691	1.41	1.36	3.23	2.28
MPFT1512	1-1/2" x 1-1/2" x 1/2"	1	10	1.781	1.57	1.26	3.44	2.11
MPFT1534	2" x 2" x 3/4"	1	8	1.799	1.81	1.59	3.82	2.44
MPFT1510	2" x 2" x 1"	1	8	1.980	1.81	1.75	3.82	2.68
MPFT1511	2" x 2" x 1-1/4"	1	8	2.097	1.81	1.65	3.82	2.66
MPFT2212	2" x 2" x 1-1/2"	1	8	2.460	1.81	1.57	3.82	2.58
MPFT2234	1-1/2" x 1-1/2" x 3/4"	1	10	2.491	1.57	1.30	3.44	2.15
MPFT2210	1-1/2" x 1-1/2" x 1"	1	10	2.657	1.57	1.46	3.44	2.38
MPFT2211	1-1/2" x 1-1/2" x 1-1/4"	1	10	2.665	1.57	1.36	3.44	2.36
MPFT2215	2" x 2" x 1/2"	1	8	2.703	1.81	1.56	3.82	2.40

Female Tee XL

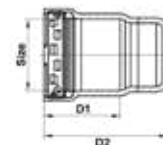
P x P x FPT



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4
MPRT2534-XF	2-1/2" x 2-1/2" x 3/4"	1	9	2.925	2.36	1.89	4.21	2.56
MPRT3334-XF	3" x 3" x 3/4"	1	5	3.862	2.74	2.19	5.10	2.85
MPRT4434-XF	4" x 4" x 3/4"	1	3	5.029	3.58	2.68	6.46	3.35

Cap

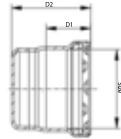
P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPEC0012	1/2"	5	120	0.205	1.07	2.17
MPEC0034	3/4"	5	80	0.271	1.15	2.28
MPEC0100	1"	5	50	0.425	1.34	2.48
MPEC0114	1-1/4"	1	35	0.659	1.82	2.95
MPEC0112	1-1/2"	1	30	0.796	1.87	3.07
MPEC0200	2"	1	20	1.069	2.01	3.11

Cap XL

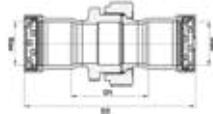
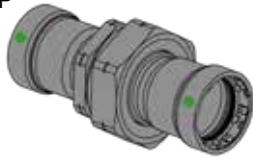
P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPEC0212-XF	2-1/2"	1	17	1.213	1.79	3.19
MPEC0300-XF	3"	1	13	1.748	2.30	3.84
MPEC0400-XF	4"	1	13	2.824	3.15	4.84

Union

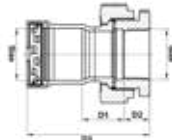
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPUN0012	1/2"	5	25	0.794	2.41	4.55
MPUN0034	3/4"	5	20	1.415	2.71	5.02
MPUN0100	1"	5	10	2.147	2.78	5.45
MPUN0114	1-1/4"	1	8	3.278	3.02	6.65
MPUN0112	1-1/2"	1	6	3.521	3.27	7.01
MPUN0200	2"	1	5	4.594	3.70	7.64

Female Union

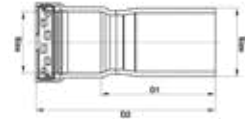
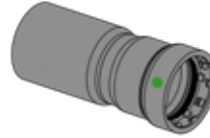
P x FPT



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3
MPFU0012	1/2"	5	40	0.631	1.16	0.65	2.77
MPFU0034	3/4"	5	20	1.190	1.37	0.69	3.09
MPFU0100	1"	5	10	1.788	1.34	0.79	3.33
MPFU0114	1-1/4"	1	8	2.573	1.39	0.85	3.90
MPFU0112	1-1/2"	1	8	2.595	1.59	0.81	4.11
MPFU0200	2"	1	6	3.503	2.09	0.87	4.73

Street Reducer

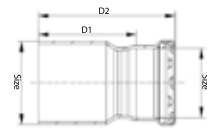
FTG x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPSR3412	3/4" x 1/2"	5	80	0.290	1.96	3.03
MPSR1012	1" x 1/2"	5	60	0.386	2.16	3.23
MPSR1034	1" x 3/4"	5	45	0.428	2.19	3.35
MPSR1110	1-1/4" x 1"	1	30	0.699	2.64	3.98
MPSR1534	1-1/2" x 3/4"	1	30	0.822	3.18	4.33
MPSR1510	1-1/2" x 1"	1	25	0.933	3.19	4.53
MPSR1511	1-1/2" x 1-1/4"	1	20	1.120	3.18	5
MPSR2010	2" x 1"	1	20	1.151	3.41	4.92
MPSR2011	2" x 1-1/4"	1	16	1.351	3.38	5.20
MPSR2015	2" x 1-1/4"	1	16	1.413	3.44	5.31

Street Reducer XL

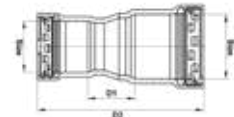
P x P



PART #	SIZE	BX	CS	WEIGHT	D1	D2
MPSR2510-XF	2-1/2" x 1"	1	25	1.462	4.21	5.55
MPSR2511-XF	2-1/2" x 1-1/4"	1	25	1.632	4.19	6.02
MPSR2515-XF	2-1/2" x 1-1/2"	1	25	1.734	4.27	6.14
MPSR2520-XF	2-1/2" x 2"	1	25	1.586	3.19	5.20
MPSR3011-XF	3" x 1-1/4"	1	13	2.047	4.45	6.28
MPSR3015-XF	3" x 1-1/2"	1	13	2.148	4.53	6.40
MPSR3020-XF	3" x 2"	1	13	2.252	4.43	6.44
MPSR3025-XF	3" x 2-1/2"	1	13	2.200	4.53	6.32
MPSR4015-XF	4" x 1-1/2"	1	7	3.202	5.55	7.42
MPSR4020-XF	4" x 2"	1	7	3.308	5.45	7.46
MPSR4025-XF	4" x 2-1/2"	1	7	3.338	5.75	7.54
MPSR4030-XF	4" x 3"	1	7	3.693	5.91	8.21

Reducing Coupling

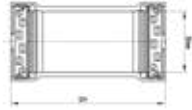
P x P



PART #	SIZE	BG	CS	WEIGHT	D1	D2
MPRC3412	3/4" x 1/2"	5	60	0.370	1.20	3.43
MPRC1012	1" x 1/2"	5	45	0.545	1.22	3.94
MPRC1034	1" x 3/4"	5	50	0.549	1.25	3.74
MPRC1134	1-1/4" x 3/4"	1	35	0.818	1.24	4.53
MPRC1110	1-1/4" x 1"	1	25	0.899	1.25	4.41
MPRC1511	1-1/2" x 1-1/4"	1	20	1.160	1.31	5
MPRC2011	2" x 1-1/4"	1	16	1.462	1.53	5.35
MPRC2015	2" x 1-1/2"	1	16	1.389	1.48	5.35

Coupling No Stop Extended

P x P



PART #	SIZE	BG	CS	WEIGHT	D1
MPXL0012	1/2"	5	70	0.375	2.70
MPXL0034	3/4"	5	55	0.481	2.90
MPXL0100	1"	5	30	0.741	3.30
MPXL0114	1-1/4"	1	20	1.113	4.30
MPXL0112	1-1/2"	1	16	1.334	4.60
MPXL0200	2"	1	14	1.733	4.80

Flange

P x FLANGE



PART #	SIZE	BG	CS	WEIGHT	D1	D2	D3	D4	D5	NXL
MPFL0012	1/2"	1	20	1.129	1.37	2.28	0.46	2.36	3.54	4x0.63
MPFL0034	3/4"	1	15	1.607	1.44	2.52	0.52	2.76	3.94	4x0.63
MPFL0100	1"	1	10	2.246	1.61	2.89	0.58	3.11	4.33	4x0.63
MPFL0114	1-1/4"	1	8	2.813	1.76	3.56	0.64	3.50	4.53	4x0.63
MPFL0112	1-1/2"	1	6	3.649	1.93	3.78	0.70	3.86	4.92	4x0.63
MPFL0200	2"	1	4	5.798	1.93	3.90	0.77	4.76	5.91	4x0.75

Flange XL

P x FLANGE



PART #	SIZE	BX	CS	WEIGHT	D1	D2	D3	D4	D5	NXL
MPAF0212-XF	2-1/2"	1	5	8.333	1.87	3.66	0.89	5.51	7.09	4x0.75
MPAF0300-XF	3"	1	5	10.009	2.07	4.37	0.96	5.98	7.48	4x0.75
MPAF0400-XF	4"	1	5	14.125	2.05	5.20	0.96	7.52	7.87	4x0.75



TITANIUM PRESS
2x2
1500 PSI

REMOVE AFTER PRESS

REMOVE AFTER PRESS

REMOVE AFTER PRESS

REMOVE AFTER PRESS

APPROVED APPLICATIONS




TECHNICAL DATA

CARBON STEEL PRESS

Types of Service	Comments	Pressure	Temperature	Compatible with		
				EPDM	FKM	HNBR
Water & Liquids						
Chilled Water	≤ 50% Ethylene Glycol / Propylene Glycol	200 PSI	See Note 1	•	•	
Hydronic Heating				•	•	
Isopropyl Alcohol	-		Ambient ³	•	•	
Fire Sprinkler	Complaint with UL for NFPA 13, 13D and 13R	175 PSI		•	•	
Low-Pressure Steam	-	15 PSI	Up to 248°F	• ²	• ²	
Fuel, Oil & Lubricants						
Mineral Oil	-	200 PSI	Ambient ³		•	•
Lube Oil	Petroleum Based		Up to 150°F		•	•
Propane	-	125 PSI	-40°F to 180°F			• ⁴
Butane	-					• ⁴
Natural Gas	Primarily Methane					• ⁴
Heating Fuel Oil	-		Up to 100°F		•	•
Diesel Fuel	-				•	•
Gases						
Compressed Air	Less than / Equal 25mg/m3 Oil Content	200 PSI	140°F	• ²	• ²	• ²
Compressed Air	More than / Equal 25mg/m3 Oil Content				• ²	• ²
Nitrogen - N2	-			•	•	•
Argon - Ar	-			•	•	•
Carbon Dioxide - CO2	Dry			•	•	•
Hydrogen - H2	-	125 PSI		•	•	•
Oxygen - O2(Non Medical)	Keep oil and fat free/non-liquid O2	140 PSI				
Vacuum	Minimum Absolute Pressure Maximum Differential Pressure	750 μm Hg 29.2" Hg	Up to 160°F	•	•	•
Acetylene	Test Pressure 350 PSI	20 PSI	Ambient ³	•	•	•

1. System pressure and temperature ranges depend on sealing element. Any ranges listed above will be overruled by the sealing element limits below:
2. System must contain adequate condensate drainage
3. Ambient temperatures should be taken as normal operating conditions for the applications not to exceed sealing element limitations.
4. Compliant with CSA 6.32 / ANSI LC-4.

Sealing Elements Overview:

Sealing Element	Identification	Description
EPDM Operating Temp: 0°F to 250°F	 Green Dot On Fitting With Black Sealing Element	EPDM is an elastomer with a wide range of applications. It is resistant to aging, ozone, sunlight, environmental influences, chemicals, and most alkaline solutions. It is not resistant to hydrocarbon solvent solutions, oils, chlorinated hydrocarbons, turpentine, and gasoline.
FKM Operating Temp: 14°F to 284°F W/ spikes up to 356°F	 White Dot On Fitting With Black Sealing Element	FKM is known for its exceptional high temperature performance, as well excellent resistance to petroleum products and solvents. It possesses excellent resistance to aging, ozone, sunlight, environmental influences, and oils and petroleum-based additives.
HNBR Operating Temp: -40°F to 180°F	 Yellow Dot on Fitting With Yellow Sealing Element	HNBR is known for its physical strength and retention of its properties after long-term exposure to heat, oil, and chemicals. It is not suitable for food contact applications and cannot be installed in drinking water applications.

TOOL & INSTALL GUIDELINES

Tools and Jaw Compatibility

Titanpress Carbon Steel Press fittings are compatible with most common black iron pipe pressing tools and jaws. Below are Common recommended tool models:

SIZE	TOOL
1/2" - 1" ONLY	Milwaukee M12TM FORCELOGIC™ w/ Compact Jaws
1/2" - 3/4"	Rems Radial Press Compact w/ Compact Jaws Ridgid RP Series Compact w/ Compact Jaws
1/2" - 2"	Milwaukee M18TM FORCE LOGICTM Press Tool w/ Standard Jaws Milwaukee M18TM FORCE LOGICTM Long Throw Press Tool w/ Standard Jaws Rems Radial Press Standard w/ Standard Jaws Ridgid RP Series Standard w/ Standard Jaws

For additional information regarding tools and/or jaw sets, refer to individual tool manufacturer websites and tool manuals. Be sure to follow the instructions specific to the brand of tool and jaw set being used.

Threaded Fittings Near Press Connections

To avoid torsion on press fitting, all threaded connections must be tightened before press connections are made.

Welding in Proximity of Press Connection

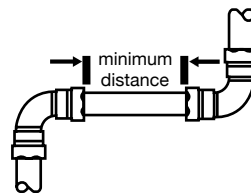
Installer must maintain proper welding distances from fitting. If welding adjacent to connection, weld a minimum of four inches away. If welding in line with the connection, weld a minimum of three feet away. Installer must always make sure to keep the press connection cool by using weld blanket, cool wet rag, or applying heat sink gel/spray or spot freezing. It is suggested all welds be completed before any press connections are made.

Underground Burial

Titanpress Carbon Steel fittings are approved for underground use and must be protected against corrosion in accordance with NFPA 54 section 404.8, NACE Standard RP0169-2002 section 5, 2009 UPC Chapter 6 section 609.3.1, 2009 UMC Chapter 13 section 1312.1.3, and in accordance with all local and national codes. Underground joints should be wrapped and protected in an impermeable coating system designed to protect joints from moisture, debris, corrosion and other soil stresses.

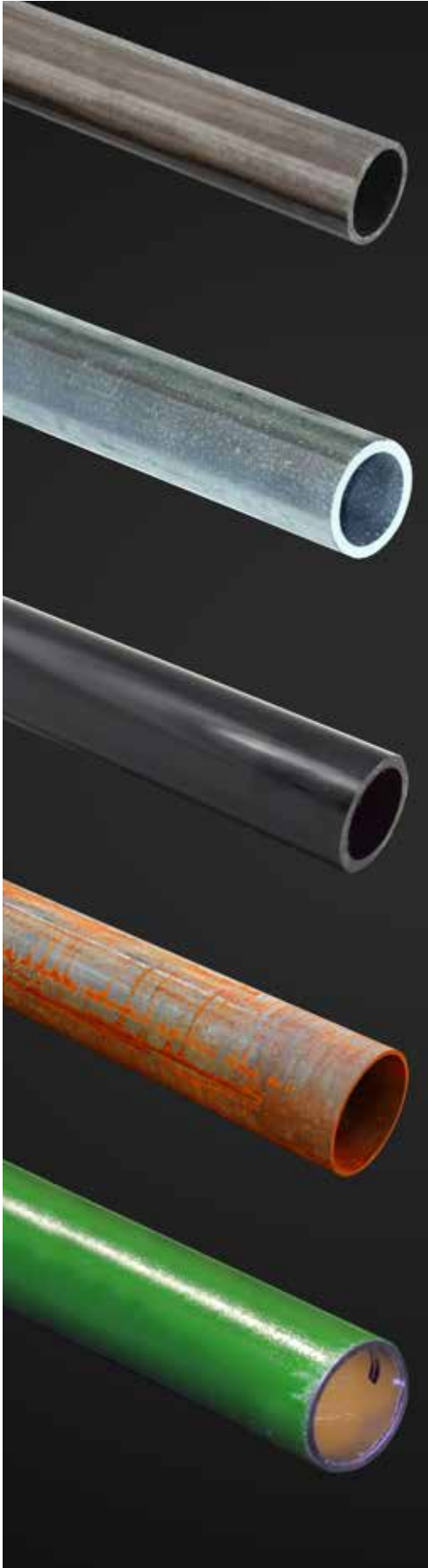
Minimum Distance Between Press Connections

PIPE DIAMETER	MINIMUM DIAMETER
1/2" - 1"	1/4" (6mm)
1-1/4" - 4"	1/2" (13mm)



Leak Detection

Titanpress fittings are designed with SmartPress LBP (Leak Before Press) system, providing quick and easy identification of unpressed connections during a pressure test. Unpressed connections are located by pressurizing system with air or water. Test with compressed air @ 1/2 to 45 psi or water @ 15 to 85 PSI. Following a successful test, the system may be pressure tested up to 600 PSI for water and 200 PSI for air.



Pipe
Finish

Prep
Necessary

Clean, Bare Pipe

NO

If the pipe has no lacquer and there is no rust on the surface and the surface is smooth. No preparing is necessary.

Galvanized Steel Pipe

YES

If the surface of the galvanized pipe is uneven, then the pipe surface must be smoothed.

Pipe with Black Shellac or Lacquer

YES

If the pipe is coated with black shellac or lacquer, the coating has to be smoothed. It is not necessary to completely remove the coating.

Pipe with Rust

YES

If the pipe has no lacquer and there is a rust film on the surface, the surface has to be prepped until the rust film is removed and the pipe surface is smooth.

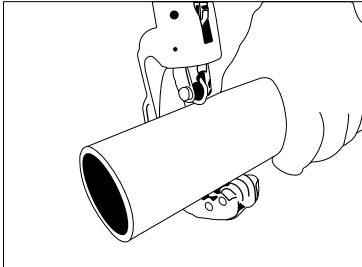
Epoxy Coated Pipe

NO

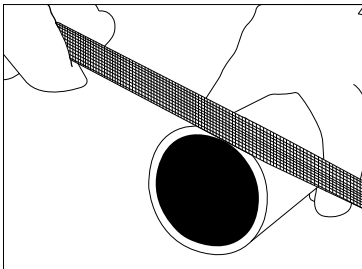
The epoxy coating must be reduced to allow the pipe to be inserted into the fitting. If the pipe has been coated, the maximum external diameter must not exceed the limit in the Insertion Depth table.



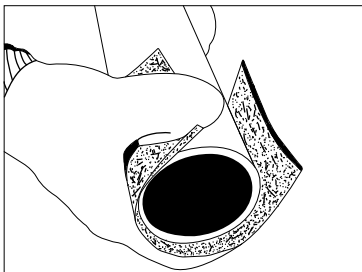
WARNING! Keep extermities and foreign objects away from press tool during pressing operation to prevent injury or incomplete press. Keep end of piping 4" away from the contact area of vise to prevent possible damage to the piping in the press area.



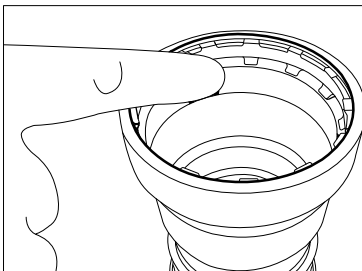
1) Cut the pipe square using a displacement-type cutter or fine-toothed saw.



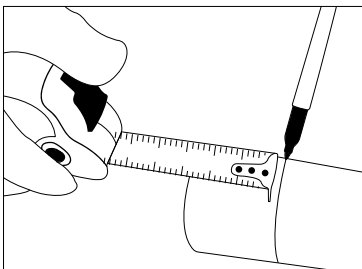
2) Remove burr from outside of piping and prep to proper insertion depth using a file or deburr tool.



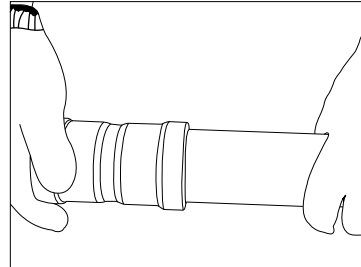
3) Sand pipe OD to proper insertion in depth. Pipe surface must be smooth and free of rust, indentation, deformations and pipe coating. Be sure surface is free of dirt, debris, oil and grease.



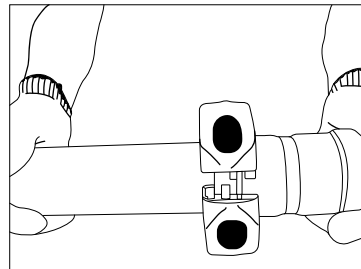
4) Check fitting ends to ensure seal, grip ring and spacer are present. Be sure that sealing ring is proper type for installed application.



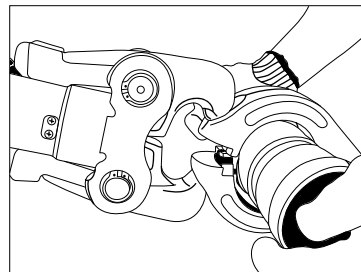
5) Measure insertion depth. Mark the proper insertion depth on the outside of the pipe. The depth marking shall be visible on the complete assembly. (See chart below)



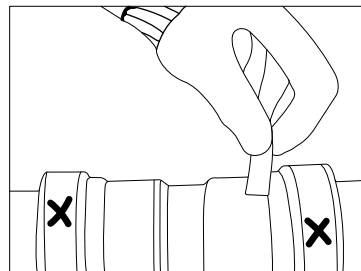
6) Slide fitting on to pipe to the marked depth.



7) Select proper Jaw and put on fitting. See tool manufacturer's manual for proper tool instructions.



8) For 1/2" to 1" fittings, place press jaw at a right angle over fitting bead. For 1-1/4" - 2" fittings, place press-ring at a right angle over fitting bead and check for proper engagement. Start the pressing process.



9) Remove sticker from each pressed end once crimping process is complete to verify the connection has been made. Pressed joint may also be marked with an "X" for added confirmation.

WARNING: Designed to be installed by licensed plumbing and mechanical professionals who are trained with carbon steel press products and their installation. **Installation by non-professionals may void TitanPress warranty.**

Insertion Depth Chart (1/2" - 2")						
Pipe Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Insertion Depth	1-1/8"	1-1/4"	1-3/8"	1-7/8"	2"	2"

15 YEAR LIMITED WARRANTY

Scope:

Titanpress M Carbon Steel Press Fittings

For gas & fuel/oil applications

Titanpress G Carbon Steel Press Fittings

For mechanical & fire sprinkler application

Subject to the conditions and limitations in this Limited Warranty, TitanPress warrants to end users, installers, and distributors that its TitanPress carbon steel press fittings (TitanPress Product) with application appropriate sealing element when properly installed in non-industrial and non-marine applications and under normal conditions of use shall be free from failure caused by manufacturing defects for a period of fifteen (15) years from date of installation in Approved Applications for fluids/water, oil and lubricant, and gases under specified system operating conditions. TitanPress Valves, when properly installed and under normal conditions of use, will be free of failure from manufacturing defects for a period of five (5) years from date of installation.

Under this Limited Warranty, you only have a right to a remedy if the failure or leak resulted from a manufacturing defect in the TitanPress Product and if the failure or leak occurs during the aforementioned warranty period. You will not have a right to remedy under this limited warranty and the warranty remedy will not apply when the failure, leak or any of the resulting damage is caused by (1) Item components other than those Sold or Manufactured by TitanPress, such as black iron pipe; (2) not designing, installing, inspecting, testing, or maintaining the TitanPress Product in conformity with TitanPress's installation and product instructions in effect during the time of installation and together with the other specifications and approvals applicable to the installation; (3) use of TitanPress Product under non recommended system operating parameters, improper handling and protection of the TitanPress Product before, during and after the installation, inadequate freeze protection, and exposure to environmental conditions not recommended for the application of TitanPress Product; or (4) acts of nature, such as, but not limited to, earthquakes, fire, or weather damage.

In the event of a leak or other failure of the TitanPress Product covered by this limited warranty, it is the responsibility of the end user to promptly take appropriate measures to mitigate any damage, including making timely repairs. Only if the warranty applies will TitanPress be held responsible for the remedy under this warranty. The part or parts which you claim failed should be kept and TitanPress should be contacted in writing to the address listed below or by telephoning (908) 436-1100) within seven (7) calendar days after the leak or other component failure and by identifying yourself as having a warranty claim. You should be prepared to ship, at your own expense, the TitanPress product which you claim has failed due to a manufacturing defect, document the date of the installation, and the amount of the repair or replacement if performed by you. Within a reasonable amount of time after the receiving of the claimed defective product, TitanPress will investigate the reasons for the failure, which includes the right to inspect the product at a TitanPress location and reasonable access to the site and location of damage. TitanPress will notify you in writing as to the results of its product review.

If TitanPress determines that the failure or leak was the outcome of a manufacturing defect of the TitanPress Product covered by this warranty and this warranty applies, the EXCLUSIVE AND ONLY REMEDY under this limited warranty will be the reimbursement for reasonable charges of repair or for replacement of the TitanPress Product itself. TITANPRESS SHALL NOT BE HELD LIABLE FOR ANY CONSEQUENTIAL OR OTHER DAMAGE (FOR EXAMPLE, ECONOMIC LOSS, WATER OR PROPERTY OR MOLD REMEDIATION) UNDER ANY LEGAL THEORY AND WHETHER ASSERTED BY DIRECT ACTION, FOR CONTRIBUTION OR INDEMNITY OR OTHERWISE. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR ANY STATUTE OF LIMITATIONS RELATING TO SUCH WARRANTIES. Other than this Limited Warranty, TitanPress does not authorize any person or firm to create for it any other obligation or liability in connection with its products. This Limited Warranty gives you specific legal rights and you also may have other rights which may vary from state to state. This warranty shall be interpreted and applied under the law of the state in which the product is installed and is intended as a COMMERCIAL WARRANTY



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