

Standard Couplings

- Sizes:** 1 1/2" to 8"
- Materials:** Malleable Iron
- Pressure:** Allows for working pressure ratings up to 1000 psi
- Details:** The standard Coupling is designed for a wide range of applications with a housing design that allows for optimum strength without excessive casting weight.
- Applications:**
- Commercial/Industrial Construction
 - Mining
 - Process piping
- Interchange Guide:**
- Victaulic's #7
 - Grinnell's #7001



STANDARD COUPLING

PART NO.		NOMINAL SIZE (inches)	PIPE O.D. (inches)	MAX WORKING PRESSURE	MAX END LOAD (lbs)	APPROX WEIGHT EACH (lbs)
w/EPDM	w/BUNA-N					
C115	C115BU	1 1/2"	1.900	1000 psi / 70 bar	2835	2.2
C12	C12BU	2"	2.375	1000 psi / 70 bar	4430	2.9
C125	C125BU	2 1/2"	2.875	1000 psi / 70 bar	6492	3.1
C13	C13BU	3"	3.500	1000 psi / 70 bar	9621	3.7
C14	C14BU	4"	4.500	1000 psi / 70 bar	15904	6.3
C16	C16BU	6"	6.625	1000 psi / 70 bar	34472	13.3
C18	C18BU	8"	8.625	800 psi / 55 bar	46741	20.4

Rigidlok™ Couplings

- Sizes:** 1 1/2" to 6"
- Materials:** Malleable Iron
- Pressure:** Allows for working pressure ratings up to 1000 psi
- Details:** The patented Rigidlok™ Coupling utilises a unique approach to providing pipe joint rigidity. A specially designed coupling housing conforms to and grips the pipe over an increasing area as the bolts are tightened. An innovative bolt-hole-offset design also spreads the coupling assembly to fill the grooves. The combined effect produces a secure rigid joint over a wide range of service conditions.
- Interchange Guide:**
 - Victaulic's #07
 - Grinnell's #7401(old style) /7007



RIGIDLOK™ COUPLING								
PART NO.		NOMINAL SIZE (inches)	OUTSIDE DIAM.	WALL THICK	SCHEDULE NUMBER	MAX WORKING PRESSURE	MAX END LOAD (lbs)	FIXED PIPE END SEPARATION
w/EPDM	w/BUNA-N							
R715	R715BU	1 1/2"	1.900	0.145	40	500 psi / 35 bar	2835	0.13
R72	R72BU	2"	2.375	0.154	40	500 psi / 35 bar	4430	0.13
R725	R725BU	2 1/2"	2.875	0.203	40	500 psi / 35 bar	6492	0.13
R73	R73BU	3"	3.500	0.216	40	500 psi / 35 bar	9621	0.13
R74	R74BU	4"	4.500	0.237	40	500 psi / 35 bar	12720	0.25
R75	R75BU	5"	5.523	0.258	40	500 psi / 35 bar	19440	0.25
R76	R76BU	6"	6.625	0.280	40	500 psi / 35 bar	27570	0.25

Lightweight Couplings

- Sizes:** 1 1/2" to 6"
- Materials:** Malleable Iron
- Pressure:** Allows for working pressure ratings up to 500 psi / 35 bar
- Details:** The Patented Lightweight Coupling is designed for applications requiring moderate internal pressure or where weight is a factor.
- Interchange Guide:**
- Victaulic's #75
 - Grinnell's #7000



STANDARD COUPLING

PART NO.		NOMINAL SIZE (inches)	PIPE O.D. (inches)	MAX WORKING PRESSURE	MAX END LOAD (lbs)	APPROX WEIGHT EACH (lbs)
w/EPDM	w/BUNA-N					
L215	L215BU	1 1/2"	1.900	500 psi / 35 bar	1418	1.5
L02	L02BU	2"	2.375	500 psi / 35 bar	2215	1.9
L025	L025BU	2 1/2"	2.875	500 psi / 35 bar	3246	2.0
L03	L03BU	3"	3.500	500 psi / 35 bar	4811	2.7
L04	L04BU	4"	4.500	500 psi / 35 bar	6362	4.3
L05	L06BU	5"	5.563	500 psi / 35 bar	9722	5.9
L06	L06BU	6"	6.625	500 psi / 35 bar	13789	7.1

Hingelok™ Couplings

- Sizes:** 1 1/2" to 6"
- Materials:** Malleable Iron
- Pressure:** Allows for working pressure ratings up to 300 psi
- Details:** The Patented Hingelok™ Coupling is specially designed for applications requiring a quick connection and/or disconnection of a pipe joint. The two coupling halves are hinged for ease of handling and are secured by a cam-action handle. Sizes 1 1/2" to 4" use toggle link plates and sizes 5" and 6" use a toggle bolt to attach the cam-action handle to the housings. A locking pin through the handle prevents accidental opening of the coupling.
- Interchange Guide:**
- Victaulic's #78
 - Grinnell's #7003



HINGELOK™ COUPLING						
PART NO.		NOMINAL SIZE (inches)	PIPE O.D. (inches)	MAX WORKING PRESSURE	MAX END LOAD (lbs)	APPROX WEIGHT EACH (lbs)
w/EPDM	w/BUNA-N					
H315	H315BU	1 1/2"	1.900	300 psi / 20 bar	850	1.5
H32	H32BU	2"	2.375	300 psi / 20 bar	1329	2.0
H325	H325BU	2 1/2"	2.875	300 psi / 20 bar	2120	3.0
H33	H33BU	3"	3.500	300 psi / 20 bar	2886	3.8
H34	H34BU	4"	4.500	300 psi / 20 bar	4771	6.8
H36	H36BU	6"	6.625	300 psi / 20 bar	10341	12.7

Victaulic Groove End Fittings

- Sizes:** 2" to 6"
- Materials:** Ductile Iron
- Pressure:** Maximum working pressure up to 1000 psi / 70 bar
- Details:** These Grooved End Fittings are designed to provide minimum pressure drop and uniform strength. Interchangeable with Victaulic and Grinnell styles listed below.
- Interchange Guide:** • Victaulic's #10 • Grinnell's #7050



90° ELBOW

PART NO.	NOMINAL SIZE	CENTRE TO END	APPROX. WEIGHT
L502	2"	3 1/4"	1.9lbs
L5025	2 1/2"	3 3/4"	3.1lbs
L503	3"	4 1/4"	4.7lbs
L5035	3 1/2"	4 1/2"	5.9lbs
L504	4"	5"	7.8lbs
L505	5"	5 1/2"	11.8lbs
L506	6"	6 1/2"	18.1lbs

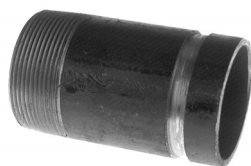
- Interchange Guide:** • Victaulic's #10 • Grinnell's #7050



TEE

PART NO.	NOMINAL SIZE	CENTRE TO END	APPROX. WEIGHT
T602	2"	3 1/4"	2.9lbs
T6025	2 1/2"	3 3/4"	4.9lbs
T603	3"	4 1/4"	7.2lbs
T6035	3 1/2"	4 1/2"	9.8lbs
T604	4"	5"	12.3lbs
T605	5"	5 1/2"	21.8lbs
T606	6"	6 1/2"	26.8lbs

- Interchange Guide:** • Victaulic's #20 • Grinnell's #7060



ADAPTER NIPPLES - MALE NPT x GROOVED END

PART NO.	NOMINAL SIZE	CENTRE TO END	APPROX. WEIGHT
A712	2"	4"	1.2lbs
A7125	2 1/2"	4"	1.9lbs
A713	3"	4"	2.5lbs
A714	4"	6"	5.5lbs
A715	5"	6"	7.4lbs
A716	6"	6"	9.5lbs

- Interchange Guide:** • Victaulic's #40 • Grinnell's #7081 *Painted

Gaskets

- Sizes:** 1 1/2" to 8"
- Compounds:** EPDM
Buna-N
- Details:**
- Use lubricant on gasket.
 - Check gasket colour code to ensure that it is recommended for the service intended.
 - Unless otherwise noted, all gaskets listings are based upon 100°F (38°C) max. temp. service conditions.



GASKETS					
PART NO.	SIZE	TEMP. RANGE	COLOUR CODE	COMPOUND	GENERAL SERVICE APPLICATIONS
G150E	1 1/2"	-40°F to +230°F	Green	EPDM	Water, dilute acids, alkalines,
G200E	2"	-40°F to +230°F	Green	EPDM	salts and many chemical
G250E	2 1/2"	-40°F to +230°F	Green	EPDM	services not involving
G300E	3"	-40°F to +230°F	Green	EPDM	hydrocarbons, oils or gases.
G400E	4"	-40°F to +230°F	Green	EPDM	Air, (no oil vapours) temp. -
G500E	5"	-40°F to +230°F	Green	EPDM	40°F to 230°F (-40°C to 110°C)
G600E	6"	-40°F to +230°F	Green	EPDM	Excellent oxidation resistance.
G800E	8"	-40°F to +230°F	Green	EPDM	NOT FOR USE WITH HYDROCARBONS
G150T	1 1/2"	-20°F to +180°F	Orange	Buna-N	Petroleum products, vegetable
G200T	2"	-20°F to +180°F	Orange	Buna-N	oils, mineral oils and air
G250T	2 1/2"	-20°F to +180°F	Orange	Buna-N	contaminated with petroleum oils.
G300T	3"	-20°F to +180°F	Orange	Buna-N	Air, oil vapour, temp. -20°F
G400T	4"	-20°F to +180°F	Orange	Buna-N	to 150°F (-29°C to 66°C).
G500T	5"	-20°F to +180°F	Orange	Buna-N	NOT FOR USE IN HOT
G600T	6"	-20°F to +180°F	Orange	Buna-N	WATER SERVICES
G800T	8"	-20°F to +180°F	Orange	Buna-N	

Bolts: Heat treated, oval neck track head.

Nuts: Heavy hex nuts of electroplate carbon steel.

NUTS AND BOLTS	
PART NO.	GROOVE LOCK BOLT DESCRIPTION
GLBLT38	3/8" x 2 1/4"
GLBLT50	1/2" x 3"
GLBLT62	5/8" x 3 1/4"
GLBLT75	3/4" x 4 1/2"
GLBLT87	7/8" x 5"