



Diamondback
FLEXIBLE GAS PIPING

PRODUCT CATALOGUE

TUBING | FITTINGS | ACCESSORIES



**Flexible Gas Piping System
for Commercial,
Industrial
and Residential**



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DIAMONDBACK CSST CORRUGATED STAINLESS STEEL TUBING

Conveyance of natural gas or propane gas (LP).

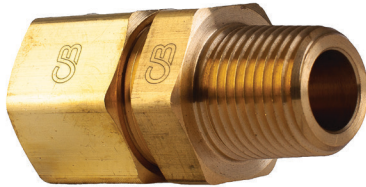


CB Part#	DB Part #	Tubing Size in.	EHD*	OD	ID	Spool Size
685010250004	DB375DFT	3/8"	15	.585	.464	250'
685010250005	DB500DFT	1/2"	19	.748	.610	250'
685010100005	DB500DFTS	1/2"	19	.748	.610	100'
685010050005	DB500DFTM	1/2"	19	.748	.610	50'
685010250007	DB750DFT	3/4"	25	1.023	.844	250'
685010100007	DB750DFTS	3/4"	25	1.023	.844	100'
685010050007	DB750DFTM	3/4"	25	1.023	.844	50'
685010150010	DB1000DFT	1"	31	1.307	1.092	150'
685010050010	DB1000DFTM	1"	31	1.307	1.092	50'
685010125012	DB1250DFT	1 1/4"	37	1.597	1.322	125'

*EHD (effective Hydraulic Diameter) is a relative measure of flow capacity.

DIAMONDBACK MIP ADAPTERS

Connects CSST flexible gas piping to a manifold, immovable gas appliance, or gas outlet.



CB Part#	DB Part #	Fits Tubing Size in.	NPT Thread Size in.
68502020004	DB375DMF	3/8"	1/2"
68502020005	DB500DMF	1/2"	1/2"
68502020007	DB750DMF	3/4"	3/4"
68502020010	DB1000DMF	1"	1"
68502020012	DB1250DMF	1 1/4"	1 1/4"

DIAMONDBACK COUPLINGS

Mechanical coupling to connect tubes of the same size.



CB Part#	DB Part #	Fits Tubing Size in.
68503020004	DB375DC	3/8"
68503020005	DB500DC	1/2"
68503020007	DB750DC	3/4"
68503020010	DB1000DC	1"

TERMINATION FITTINGS

Termination of gas line.



CB Part#	DB Part #	Fits Tubing Size in.	NPT Thread Size in.
68504020005	DB500DTF	1/2"	1/2"
68504220005	DB500D90TF	1/2"	1/2"
68504020007	DB750DTF	3/4"	3/4"



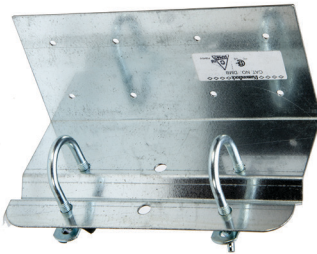
Left: Indoor termination fitting with iron flange.

Right: Outdoor termination fitting with brass flange.

TERMINATION FLANGE FITTINGS

Termination of gas line.

Indoor Catalogue#		Outdoor Catalogue		Fits Tubing Size in.	NPT Thread Size in.
CB Part #	DB Part #	CB Part #	DB Part #		
68504022004	DB375DFF	68504024004	DB375DBFF	3/8"	1/2"
68504022005	DB500DFF	68504024005	DB500DBFF	1/2"	1/2"
68504022007	DB750DFF	68504024007	DB750DBFF	3/4"	3/4"
68504022010	DB1000DFF	68504024010	DB1000DBFF	1"	1"

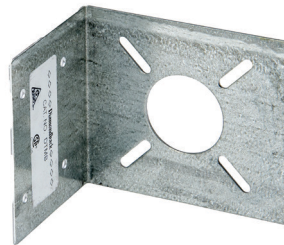


MANIFOLD BRACKET

Securely anchors manifold to wall.

CB Part # 68505520000 **DB Part #** DBDMB

Fits multi-port steel manifolds or field fabricated black iron manifold.



TERMINATION MOUNTING BRACKET

Supports termination flange fitting in through-the-wall installations.

CB Part # 68504520004 **DB Part #** DBDTMB

One part fits 3/8" - 1".

MANIFOLDS

Multi-port distribution enabling individual runs to multiple outlets.



CB Part #	DB Part #	Inlet in.	Out in.	Female Outlet Ports
68505020007	DB500DSM	3/4"	1/2"	all four @1/2" (15)
68505020010	DB750DSM	1"	3/4"	all four @3/4" (20)



STRIKER PLATES

Protection of tubing from puncture.

CB Part #	DB Part #	Description
68506020307	DBDSPH	3" x 7" striker plate, half
68506020312	DBDSPF	3" x 12" striker plate, full
68506020617	DBDSPX	6 1/2" x 17" striker plate, XL

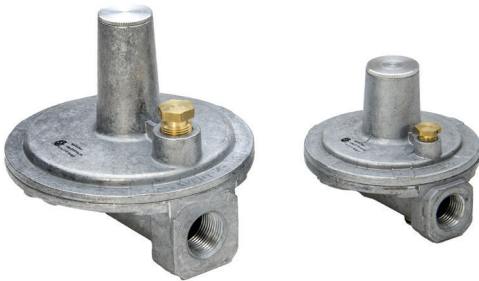
FLOPPY CONDUIT

Protection of tubing from puncture.



CB Part #	DB Part #	Fits in.	Coil Description
68506522004	DB375DFC	3/8"	3/4" x 50' coil
68506522005	DB500DFC	1/2"	1" x 50' coil
68506522007	DB750DFC	3/4"	1 1/4" x 50' coil
68506522010	DB1000DFC	1"	1 1/2" x 25' coil
68506522012	DB1250DFC	1 1/4"	2" x 25' coil

CB Part #	DB Part #	Fits in.	Coil Description
68506520004	DB375DFC-1	3/8"	3/4" x 1' length
68506520005	DB500DFC-1	1/2"	1" x 1' length
68506520007	DB750DFC-1	3/4"	1 1/4" x 1' length
68506520010	DB1000DFC-1	1"	1 1/2" x 1' length
68506520012	DB1250DFC-1	1 1/4"	2" x 1' length



REGULATORS

Installed in elevated pressure systems to reduce pressure to standard appliance pressure.

CB Part#	DB Part #	Maxitrol Model #	Inlet Thread in.	Description
68508520005	DB500DR3N	325-3L-7	1/2"	2PSI natural gas regulator
68508522005	DB500DR3P	325-3L-11	1/2"	2PSI propane gas regulator
68508520007	DB750DR5A	325-5AL-7	3/4"	2PSI natural gas regulator
68508524005	DB500DR3XN	325-3L47-7	1/2"	5PSI natural gas regulator w/opd*
68508524007	DB750DR5XA	325-5AL48-7	3/4"	5PSI natural gas regulator w/opd*
68508522007	DB750DR5P	325-5L-11	3/4"	2PSI propane gas regulator

Note: Maxitrol specifies 7" spring setting for natural gas and 11" setting for propane.

*Overpressure Protection Device.

INDOOR GAS BALL VALVES

Shut-off of gas supply to permit safe maintenance/replacement of appliances



CB Part #	Valve Size in.
605000002	3/8"
605000005	1/2"
605000007	3/4"
605000010	1"

Note: Standard approved valves may be used on the low pressure side of the installation.

OUTDOOR GAS BALL VALVES

Shut-off of gas supply to permit safe maintenance/replacement of appliances



CB Part #	Valve Size in.
605930004	3/8"
605930005	1/2"
605930007	3/4"
605930010	1"
605930012	1 1/4"
605930015	1 1/2"
605930020	2"

Note: Standard approved valves may be used on the low pressure side of the installation.

YELLOW GAS CONNECTORS

Flexible connectors to gas appliances



CB Part #	Size in.	CB Part #	Size in.
680005018Y	1/2F X 1/2F X 18"	680205072Y	1/2F X 1/2M X 72"
680005024Y	1/2F X 1/2F X 24"	680207024Y	3/4F X 3/4M X 24"
680005036Y	1/2F X 1/2F X 36"	680207036Y	3/4F X 3/4M X 36"
680005048Y	1/2F X 1/2F X 48"	680207048Y	3/4F X 3/4M X 48"
680005060Y	1/2F X 1/2F X 60"	681005036Y	1/2M X 1/2M X 36"
680005072Y	1/2F X 1/2F X 72"	681005048Y	1/2M X 1/2M X 48"
680205024Y	1/2F X 1/2M X 24"	681007048Y	3/4M X 3/4M X 48"
680205036Y	1/2F X 1/2M X 36"	682007024Y	3/4F X 3/4F X 24"
680205048Y	1/2F X 1/2M X 48"	682007036Y	3/4F X 3/4F X 36"
680205060Y	1/2F X 1/2M X 60"	682007048Y	3/4F X 3/4F X 48"

REPLACEMENT FITTING SPLIT RINGS



CB Part #	DB Part #	Fits Tubing Size in.
68508020004	DB375DSR	3/8"
68508020005	DB500DSR	1/2"
68508020007	DB750DSR	3/4"
68508020010	DB1000DSR	1"
68508020012	DB1250DSR	1 1/4"