



**DALLAS
SPECIALTY
& MFG CO.**



EXCLUSIVELY CONNECTED

The Green Coupling for Hi-Temperature and Chemical drainage applications. Our exclusive line of Dallas Specialty products are made with you in mind.

MORE THAN A COMPANY, A TRUSTED FRIEND



PROVIDING **MORE** TO THE PLUMBING, WATERWORKS & INDUSTRIAL INDUSTRIES

1161 RUGGLES ST. GRAND PRAIRIE, TX 75050

800-222-5644 • 972-641-8444 • fax 972-641-8488

www.dallasspecialty.com



THE GREEN™ COUPLING

PATENT PENDING

HI-TEMP / CHEMICAL RESISTANT COUPLINGS

Ideal for use in Medical Facilities, Bottling Plants, Laboratories, Film & Print Plants, Testing & Research Labs, Pharmaceutical, Food Processing & Drug Plants, Commercial and Industrial applications or where Hi-Temperature and/or Chemicals are present.

Dallas Specialty High Temperature / Chemical Couplings:

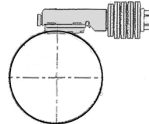
- Specifically designed to provide the highest of quality performance & strength
- Withstanding temperatures up to 266°F and Chemicals such as: Acids, Chlorine & other harsh chemicals for drainage line connections. Ref. DS Chemical Resistance Chart for compatibility at link: www.dallasspecialty.com
- Resistant to Hydrochloric, Acetic, Nitric and Sulfuric Acids
- For use with Stainless Steel, CPVC, Cast Iron, Polypropylene, Duriron, Glass and other chemical piping systems.
- Handles load bearing conditions under driveways, sidewalks and similar applications.
- High quality, Industry Strongest Shear Banding & Constant Tension Banding for a tight, secure connection.
- If using a Lubricant only use a soapy water solution.
- Made of high quality proprietary resins
- Use standard protocol when cutting Metal or Plastic pipe by deburring and chamfering (beveling) the pipe end.

COUPLINGS

- Manufactured in the USA
- Meeting material requirements of IPC®/IRC®
- cUPC® meets Canadian Standards
- Conforms to ASTM C-1173 D-5926
- High Quality Proprietary blend, Non-Phthalate Resins
- Handling Temperature 212°F/ intermittent 266°F.

DALLAS CT BANDS

- Constant Tension Band, No backoff
- Band: 5/8" Width AISI 304SS
- Screw: 3/8" Hex Head AISI 305SS
- Housing: AISI 304SS Stainless
- Torque: 80lb-in Installation
- Meets SAE J1670



SHIELD/SHEAR BANDS

- Bands: 1/2" Width AISI 301SS
- Screw: 5/16" Hex Head AISI 305SS
- Housing: AISI 301SS
- HD Shield: .012 AISI 301SS
- Torque: 60lb-in Installation
- Meets SAE J1670



Heavy Duty Banding assists in the proper alignment & maintenance in the most difficult above ground or underground connection & applications.

- Coupling has maximum flexibility to accommodate multiple applications, situations & connections
- Durable & Strong stainless shield provides industry strongest for heavy duty connections
- Constant Tension 80in lb torque banding provides secure & tight connection will not loosen over time
- For use in a non-pressure, drainage applications
- Ref. Dallas Specialty Chemical Resistant chart for compatibility



MEETS
IPC®
IRC®



EXCLUSIVELY CONNECTED

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DALLAS SPECIALTY & MFG. CO.

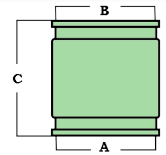
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GREEN™ Hi-Temperature/Chemical Resistant Couplings

Heavy Duty Flexible Shielded Pipe Couplings
Available in a variety of straight & reducing sizes



HTCRSR Fits: IPS x IPS GREEN™							
Acid Waste, Stainless Steel, Sch40/80 CPVC, IPEX®, Labline®, Orion®							
PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-125 HTCRSR	1-1/4"X1-1/4"	1.65	42	1.65	42	3.50	89
DS56-150/125 HTCRSR	1-1/2"x1-1/4"	1.90	48	1.65	42	3.50	89
DS56-150 HTCRSR	1-1/2"x1-1/2"	1.90	48	1.90	48	3.50	89
DS56-2125 HTCRSR	2" x 1-1/4"	2.40	61	1.65	42	4.00	101
DS56-2150 HTCRSR	2" x 1-1/2"	2.40	61	1.90	48	4.00	101
DS56-22 HTCRSR	2" x 2"	2.40	61	2.40	61	4.00	101
DS56-2525 HTCRSR	2-1/2"x2-1/2"	2.87	73	2.87	73	4.00	101
DS56-32 HTCRSR	3" x 2"	3.38	86	2.40	61	4.00	101
DS56-3215 HTCRSR	3" x 2-1/2"	3.38	86	2.88	73	4.00	101
DS56-33 HTCRSR	3" x 3"	3.38	86	3.38	86	4.00	101
DS56-353 HTCRSR	3-1/2" x 3"	4.00	101	3.38	86	4.25	108
DS56-3535 HTCRSR	3-1/2"x3-1/2"	4.00	101	4.00	101	4.25	108
DS56-4150 HTCRSR	4" x 1-1/2"	4.50	111	1.90	48	4.25	108
DS56-42 HTCRSR	4" x 2"	4.50	111	2.40	61	4.25	108
DS56-4215 HTCRSR	4" x 2-1/2"	4.50	111	2.88	73	4.25	108
DS56-43 HTCRSR	4" x 3"	4.50	111	3.38	86	4.25	108
DS56-435 HTCRSR	4" x 3-1/2"	4.50	111	4.00	102	4.25	108
DS56-44 HTCRSR	4" x 4"	4.50	111	4.50	111	4.25	108
DS56-54 HTCRSR	5" x 4"	5.62	143	4.50	111	4.25	108
DS56-55 HTCRSR	5" x 5"	5.62	143	5.62	143	4.25	108
DS56-63 HTCRSR	6" x 3"	6.50	165	3.38	86	6.00	152
DS56-64 HTCRSR	6" x 4"	6.50	165	4.50	111	6.00	152
DS56-65 HTCRSR	6" x 5"	6.50	165	5.62	143	6.00	152
DS56-66 HTCRSR	6" x 6"	6.50	165	6.50	165	6.00	152
DS56-82 HTCRSR	8" x 2"	8.50	216	2.40	61	6.00	152
DS56-83 HTCRSR	8" x 3"	8.50	216	3.38	86	6.00	152
DS56-84 HTCRSR	8" x 4"	8.50	216	4.50	111	6.00	152
DS56-86 HTCRSR	8" x 6"	8.50	216	6.50	165	6.00	152
DS56-88 HTCRSR	8" x 8"	8.50	216	8.50	216	6.00	152
DS56-104 HTCRSR	10" x 4"	10.60	269	4.50	111	6.00	152
DS56-106 HTCRSR	10" x 6"	10.60	269	6.50	165	6.00	152
DS56-108 HTCRSR	10" x 8"	10.60	269	8.50	216	6.00	152
DS56-1010 HTCRSR	10" x 10"	10.60	269	10.60	269	6.00	152
DS56-126 HTCRSR	12" x 6"	12.60	320	6.50	165	6.00	152
DS56-128 HTCRSR	12" x 8"	12.60	320	8.50	216	6.00	152
DS56-1210 HTCRSR	12" x 10"	12.60	320	10.60	269	6.00	152
DS56-1212 HTCRSR	12" x 12"	12.60	320	12.60	320	6.00	152
DS56-1515 HTCRSR	15" x 15"	15.40	391	15.40	391	6.00	152

B-HTCRSR Fits: IPS x DURIRON GREEN™							
Acid Waste, Stainless Steel, Sch40/80 CPVC, IPEX®, Labline®, Orion® x Duriron							
PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-150 B HTCRSR	1-1/2"	1.90	48	2.19	56	3.50	89
DS56-2150 BHTCRSR	2" x1-1/2"	2.40	61	2.19	56	4.00	101
DS56-22 B HTCRSR	2" x 2"	2.40	61	2.63	73	4.00	101
DS56-24 B HTCRSR	2" x 4"	2.40	61	4.75	121	4.00	101
DS56-32 B HTCRSR	3" x 2"	3.38	86	2.63	73	4.00	101
DS56-33 B HTCRSR	3" x 3"	3.38	86	3.75	96	4.00	101
DS56-43 B HTCRSR	4" x 3"	4.50	111	3.75	96	4.00	101
DS56-44 B HTCRSR	4" x 4"	4.50	111	4.75	121	4.00	101
DS56-55 B HTCRSR	5" x 5"	5.62	143	5.90	150	4.00	101
DS56-65 B HTCRSR	6" x 5"	6.50	165	5.90	150	6.00	152
DS56-66 B HTCRSR	6" x 6"	6.50	165	7.00	178	6.00	152
DS56-68 B HTCRSR	6" x 8"	6.50	165	9.12	232	6.00	152
DS56-86 B HTCRSR	8" x 6"	8.50	216	7.00	178	6.00	152
DS56-88 B HTCRSR	8" x 8"	8.50	216	9.12	232	6.00	152

D-HTCRSR Fits: DURIRON x DURIRON							
PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-150 D HTCRSR	1-1/2"	2.19	56	2.19	56	3.50	89
DS56-2150 D HTCRSR	2" x 1-1/2"	2.63	73	2.19	56	4.00	101
DS56-22 D HTCRSR	2"x2"	2.63	73	2.63	73	4.00	101
DS56-32 D HTCRSR	3"x2"	3.75	96	2.63	73	4.00	101
DS56-33 D HTCRSR	3"x3"	3.75	96	3.75	96	4.00	101
DS56-43 D HTCRSR	4"x3"	4.75	121	3.75	96	4.25	108
DS56-44 D HTCRSR	4"x4"	4.75	121	4.75	121	4.25	108
DS56-55 D HTCRSR	5"x5"	6.12	155	6.12	155	6.00	152
DS56-64 D HTCRSR	6"x4"	7.00	178	4.75	111	6.00	152
DS56-66 D HTCRSR	6"x6"	7.00	178	7.00	178	6.00	152
DS56-86 D HTCRSR	8"x6"	9.12	232	7.00	178	6.00	152
DS56-88 D HTCRSR	8"x8"	9.12	232	9.12	232	6.00	152

G-HTCRSR Fits: GLASS PIPE x IPS GREEN™							
Glass, Kimax®, StainlessSteel x Orion®, SS, CPVC, IPEX®, Labeline®, Acid Waste							
PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-150 G HTCRSR	1-1/2"	1.84	47	1.90	48	3.50	89
DS56-22 G HTCRSR	2"x2"	2.34	59	2.40	61	4.00	101
DS56-33 G HTCRSR	3"x3"	3.41	87	3.38	86	4.00	101
DS56-43 G HTCRSR	4"x3"	4.53	115	3.38	86	4.00	101
DS56-44 G HTCRSR	4"x4"	4.53	115	4.50	111	4.00	101
DS56-64 G HTCRSR	6"x4"	6.66	169	4.50	111	6.00	152
DS56-66 G HTCRSR	6"x6"	6.66	169	6.50	165	6.00	152
DS56-88 G HTCRSR	8"x8"	8.80	223	8.50	216	6.00	152

Dallas Specialty reserves the right to improve its formulations to give the best performance of its products.
Reference Dallas Specialty Chemical Resistant Chart for compatibility





THE GREEN™ COUPLING

HI-TEMP / CHEMICAL RESISTANT COUPLINGS

PATENT PENDING

C-HTCRSR Fits: COPPER x COPPER GREEN™

(CTS) Copper Piping

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-150 C HTCRSR	1-1/2"x1-1/2"	1.65	42	1.65	42	3.50	89
DS56-22 C HTCRSR	2" x 2"	2.13	54	2.13	54	4.00	101
DS56-33 C HTCRSR	3" x 3"	3.13	80	3.13	80	4.00	101
DS56-44 C HTCRSR	4" x 4"	4.13	105	4.13	105	4.25	108
DS56-66 C HTCRSR	6" x 6"	6.12	155	6.12	155	6.00	152

E-HTCRSR Fits: COPPER x DURIRON GREEN™

(CTS) Copper Piping x Duriron

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-150 E HTCRSR	1-1/2"	1.65	42	2.19	56	3.50	89
DS56-22 E HTCRSR	2"x2"	2.13	54	2.63	67	4.00	101
DS56-33 E HTCRSR	3"x3"	3.13	80	3.75	95	4.00	101
DS56-44 E HTCRSR	4"x4"	4.13	105	4.75	121	4.25	108

S-HTCRSR Fits: STAINLESS STEEL TUBE x IPS

SS Tube x Acid Waste, Stainless Steel, Sch40/80 CPVC, IPEX®, Labline®, Orion®

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-22 S HTCRSR	2" x 2"	2.38	60	2.00	51	4.00	101
DS56-33 S HTCRSR	3" x 3"	3.38	86	3.00	76	4.00	101
DS56-44 S HTCRSR	4" x 4"	4.50	114	4.00	102	4.00	101
DS56-65 S HTCRSR	6" x 5"	5.62	143	5.00	127	6.00	152
DS56-66 S HTCRSR	6" x 6"	6.50	165	6.00	152	6.00	152
DS56-88 S HTCRSR	8" x 8"	8.50	216	8.00	203	6.00	152
DS56-1010S HTCRSR	10" x 10"	10.60	269	10.00	254	6.00	152
DS56-1212 S HTCRSR	12" x 12"	12.60	320	12.00	305	6.00	152

Dallas Specialty reserves the right to improve its formulations to give the best performance of its products.

Reference Dallas Specialty Chemical Resistant Chart for compatibility

M-HTCRSR Fits: GLASS x GLASS GREEN™

Kimax®, Glass Pipe x Kimax®, Glass Pipe

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-22 M HTCRSR	2" x 2"	2.34	59	2.34	59	4.00	101
DS56-33 M HTCRSR	3" x 3"	3.41	87	3.41	87	4.00	101
DS56-44 M HTCRSR	4" x 4"	4.53	115	4.53	115	4.00	101
DS56-66 M HTCRSR	6" x 6"	6.66	169	6.66	169	6.00	152

K-HTCRSR Fits: GLASS PIPE x DURIRON GREEN™

Kimax®, Glass, Sch40/80 Stainless Steel x Duriron

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-150 K HTCRSR	1-1/2"	1.84	47	2.19	55	3.50	89
DS56-22 K HTCRSR	2" x 2"	2.34	59	2.63	73	4.00	101
DS56-33 K HTCRSR	3" x 3"	3.41	87	3.75	95	4.00	101
DS56-43 K HTCRSR	4" x 3"	4.53	115	3.75	95	4.25	108
DS56-44 K HTCRSR	4" x 4"	4.53	115	4.75	120	4.25	108

IC-HTCRSR Fits: IPS x COPPER PIPING

Acid Waste, Stainless Steel, Sch40/80 CPVC, IPEX®, Labline®, Orion® x CTS Copper Pipe

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-125 IC HTCRSR	1-1/4"	1.375	35	1.625	41	3.50	89
DS56-150 IC HTCRSR	1-1/2"	1.90	48	1.625	41	3.50	89
DS56-22 IC HTCRSR	2" x 2"	2.40	61	2.125	54	4.00	101

T-HTCRSR Fits: SS TUBE x SS TUBE GREEN™

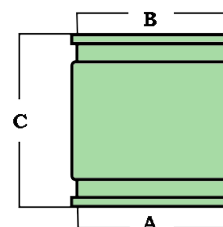
Sch40/80 Stainless Steel x Sch40/80 Stainless Steel

PART #	SIZE	"A"	A mm	"B"	B mm	"C"	C mm
DS56-66 T HTCRSR	6" x 6"	6.12	155	6.12	155	6.00	152
DS56-88 T HTCRSR	8" x 8"	8.00	203	8.00	203	6.00	152
DS56-1010 T HTCRSR	10" x 10"	10.25	260	10.25	260	6.00	152
DS56-1212 T HTCRSR	12" x 12"	12.00	254	12.00	254	6.00	152



Constant Tension Bands

- Heavy Duty No backoff bands
- Band: 5/8" Width AISI 304SS
- Screw: 3/8" Hex Head AISI 305SS
- Housing: AISI 304SS Stainless
- Torque: 80lb-in Installation
- Meets SAE J1670



Dallas Specialty & Mfg Co



Chemical Coupling Chemical Resistance Chart

RATING KEYS: A=Fluid has little or no effect B=Fluid has minor or moderate effect C=Fluid has severe effect (WJB/CPRDP/CHEMRIS)
Unless otherwise noted, concentration or aqueous solutions are saturated. All ratings are at room temperature unless specified.

* = Not for periods >90 days **=FREON is a registered trademark of E.I. du Pont de Nemours & Co

CHEMICAL	RATING	CHEMICAL	RATING	CHEMICAL	RATING	CHEMICAL	RATING
Acetic acid, 20%	A	Chlorosulfonic acid	B	Kerosene	C	Sea Water	A
Acetic acid, 30%	A	Citric acid solutions	A	Lacquer solvents	C	Silicone grease	A
Acetic acid, glacial	A	Copper chloride solutions	A*	Lactic acid	A	SKYDROL 500	A
Acetic acid, glacial (100°F-38°C)	A	Copper sulfate solutions	A*	Linseed oil	B	Soap solutions	A
Acetic anhydride	A	Cottonseed Oil	B	Lubricating oils	C	Sodium chloride solutions	A
Acetone	A	Cyclohexane	C	Magnesium chloride solutions	A	Sodium dichromate, 20%	A
Acetylene	A	Dibutyl phthalate	A	Chloroform	C	Sodium hydroxide, 20%	A
Aluminum chloride solutions	A	Diethyl sebacate	A	Magnesium hydroxide solutions	A	Sodium hydroxide 46-1/2%	A
Aluminum sulfate solutions	A	Dicotyl phthalate	B	JP-1	C	Sodium hypochlorite, 5% (Bleach)	A
Ammanium chloride solutions	A	Epichlorohydrin	A	Mercuric chloride solutions	A	Zinc chloride solutions	A
Ammonium hydroxide solutions	A	Ethyl acetate	A	SAE #10 oil	C	Soybean oil	B
Amyl acetate	A	Ethyl alcohol	A	Mercury	A	Stannous chloride, 15%	A
Amyl alcohol	A	Ethyl chloride	B	Methyl alcohol	A	Steam (212°F-100°C)	A
Aniline	A	Ethylene dichloride	C	Methyl ethyl ketone	A	Steam (230°F-110°C)	A
ASTM oil #1(300°F-149°C)	C	Ethylene glycol	A	Methylene chloride	C	Stearic acid	A
ASTM oil #3(300°F-149°C)	C	Ethylene oxide	A	Mineral Oil	B	Styrene	C
ASTM ref. fuel A (158°F-70°C)	B	Ferric chloride solutions	A	Naphtha	C	Sulfur, molten	B
ASTM ref. fuel B (158°F-70°C)	C	Fluosilicic acid	A	Naphthalene	B	Sulfur dioxide, liquid	A
ASTM ref. fuel C (158°F-70°C)	C	Formaldehyde. 40%	A	Nitric acid, 10%	A	Sulfur dioxide gas	A
Asphalt	B	Formic acid	A	Nitric acid, 30%	A	Sulfuric acid, up to 50%	A
Barium hydroxide solutions	A	FREON- 11**	C	Nitric acid, 80%	C	Sulfuric acid, 50-80%	A
Beer	A	FREON-12**	C	Nitric acid, 70%	C	Sulfuric acid, 80%	A
Benzene	C	FREON-113***(130°F-55°C)	C	Nitric acid, red fuming	C	Sulfuric acid, 90%	A
Borax solutions	A	FREIN-114**	C	Nitrobenzene	A	Sulfuric acid, 95%	A
Boric acid solutions	A	Gasoline	C	Oleic acid	A	Sulfuric acid, fuming (20% oleum)	C
Butane	A	Glue	A	Oleum, 20-25%	C		
Butyl acetate	A	Glycerin	A	Palmitic acid	A	Sulfurous acid	A
Calcium chloride solutions	A	n-Hexane	C	Perchloroethylene	C	Tannic acid, 10%	A
Calcium hypoxide solutions	A	Hydrazine	A	Phenol	B	Tartaric acid	A
Calcium hypochlorite. 5%	A	Hydrochloric acid, 20%	A	Pickling solution (20%nitric acid, 4%HF)	A	Tetrahydrofuran	B
Carbon disulfide	C	Hydrochloric acid, 37%	A	Pickling solution (17%nitric acid, 4%HF)	A	Toluene	C
Carbon dioxide	A	Hydrocyanic acid	A			Trichloroethylene	C
Carbon Monoxide	A	Hydrofluoric acid, 48%	A			Triethanolamine	A
Carbon tetrachloride	C	Hydrofluoric acid, 75%	A	Potassium dichromate solutions	A	Trisodium phosphate solutions	A
Castor Oil	B	Hydrofluoric acid, anhydrous	A				
Chlorine gas, dry	B	Hydrogen	A	Potassium hydroxide solutions	A	Tung Oil	B
Chlorine gas, wet	B	Hydrogen sulfide	A			Water (158°F-70°C)	A
Chloroacetic acid	A	Isooctane	C	Pydraul 312C	A	Water (212°F-100°C)	A
Chlorobenzene	C	Isopropyl alcohol	A	Pyridine	B	Xylene	C



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