

Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R1S					
R1S-04	THY - Standard/Braided - 1/4	1/4	0.58	14.6	Crimp to knurl
R1S-04	T43 - 43 Series - 1/4	1/4	0.66	16.6	Full Crimp
R1S-04	SS-THY - Stainless Steel - 1/4	1/4	0.66	14.6	Crimp to knurl
R1S-04	BW - Bite to Wire - 1/4	1/4	0.66	16.6	Full Crimp
R1S-06	THY - Standard/Braided - 3/8	3/8	0.74	18.7	Crimp to knurl
R1S-06	T43 - 43 Series - 3/8	3/8	0.84	21.2	Full Crimp
R1S-06	SS-THY - Stainless Steel - 3/8	3/8	0.74	18.7	Crimp to knurl
R1S-06	BW - Bite to Wire - 3/8	3/8	0.79	20.1	Full Crimp
R1S-08	THY - Standard/Braided - 1/2	1/2	0.85	21.6	Crimp to knurl
R1S-08	T43 - 43 Series - 1/2	1/2	0.96	24.3	Full Crimp
R1S-08	SS-THY - Stainless Steel - 1/2	1/2	0.85	21.6	Crimp to knurl
R1S-08	BW - Bite to Wire - 1/2	1/2	0.92	23.4	Full Crimp
R1S-10	THY - Standard/Braided - 5/8	5/8	1	25.3	Crimp to knurl
R1S-10	T43 - 43 Series - 5/8	5/8	1.07	27.2	Full Crimp
R1S-10	SS-THY - Stainless Steel - 5/8	5/8	1	25.3	Crimp to knurl
R1S-10	BW - Bite to Wire - 5/8	5/8	1.07	27.2	Full Crimp
R1S-12	THY - Standard/Braided - 3/4	3/4	1.12	28.3	Crimp to knurl
R1S-12	T43 - 43 Series - 3/4	3/4	1.26	32	Full Crimp
R1S-12	SS-THY - Stainless Steel - 3/4	3/4	1.12	28.3	Crimp to knurl
R1S-12	BW - Bite to Wire - 3/4	3/4	1.22	30.9	Full Crimp
R1S-16	THY - Standard/Braided - 1"	1	1.43	36.3	Crimp to knurl
R1S-16	T43 - 43 Series - 1"	1	1.6	40.6	Full Crimp
R1S-16	SS-THY - Stainless Steel - 1"	1	1.43	36.3	Crimp to knurl
R1S-16	BW - Bite to Wire - 1"	1	1.63	41.3	Full Crimp
R1S-20	THY - Standard/Braided - 1-1/4	1-1/4	1.83	46.5	Crimp to knurl
R1S-20	SS-THY - Stainless Steel - 1-1/4	1-1/4	1.83	46.5	Crimp to knurl
R1S-20	BW - Bite to Wire - 1-1/4	1-1/4	1.97	49.9	Full Crimp
R1S-24	BW - Bite to Wire - 1-1/2	1-1/2	2.34	59.4	Full Crimp
Hose Type					
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R2S					
R2S-04	THY - Standard/Braided - 1/4	1/4	0.65	16.6	Crimp to knurl
R2S-04	T43 - 43 Series - 1/4	1/4	0.7	17.7	Full Crimp
R2S-04	SS-THY - Stainless Steel - 1/4	1/4	0.65	16.4	Crimp to knurl
R1S-04	BW - Bite to Wire - 1/4	1/4	0.7	17.7	Full Crimp
R2S-06	THY - Standard/Braided - 3/8	3/8	0.82	20.7	Crimp to knurl
R2S-06	T43 - 43 Series - 3/8	3/8	0.88	22.2	Full Crimp
R2S-06	SS-THY - Stainless Steel - 3/8	3/8	0.82	20.7	Crimp to knurl
R2S-06	BW - Bite to Wire - 3/8	3/8	0.85	21.6	Full Crimp
R2S-08	THY - Standard/Braided - 1/2	1/2	0.91	23.1	Crimp to knurl
R2S-08	T43 - 43 Series - 1/2	1/2	1	25.3	Full Crimp
R2S-08	SS-THY - Stainless Steel - 1/2	1/2	0.91	23.1	Crimp to knurl
R2S-08	BW - Bite to Wire - 1/2	1/2	0.97	24.6	Full Crimp
R2S-10	THY - Standard/Braided - 5/8	5/8	1.03	26.2	Crimp to knurl
R2S-10	T43 - 43 Series - 5/8	5/8	1.11	28.2	Full Crimp
R2S-10	SS-THY - Stainless Steel - 5/8	5/8	1.03	26.2	Crimp to knurl
R2S-10	BW - Bite to Wire - 5/8	5/8	1.2	30.5	Full Crimp
R2S-12	THY - Standard/Braided - 3/4	3/4	1.19	30.2	Crimp to knurl
R2S-12	T43 - 43 Series - 3/4	3/4	1.3	32.9	Full Crimp
R2S-12	SS-THY - Stainless Steel - 3/4	3/4	1.19	30.2	Crimp to knurl
R2S-12	BW - Bite to Wire - 3/4	3/4	1.29	32.6	Full Crimp
R2S-16	THY - Standard/Braided - 1"	1	1.57	39.9	Crimp to knurl
R2S-16	T43 - 43 Series - 1"	1	1.64	41.7	Full Crimp
R2S-16	SS-THY - Stainless Steel - 1"	1	1.51	38.3	Crimp to knurl
R2S-16	BW - Bite to Wire - 1"	1	1.67	42.3	Full Crimp
R2S-20	THY - Standard/Braided - 1-1/4	1-1/4	1.91	48.5	Crimp to knurl
R2S-20	SS-THY - Stainless Steel - 1-1/4	1-1/4	1.91	48.5	Crimp to knurl
R2S-20	BW - Bite to Wire - 1-1/4	1-1/4	2.06	52.3	Full Crimp
R2S-24	BW - Bite to Wire - 1-1/2	1-1/2	2.4	61	Full Crimp
R2S-32	BW - Bite to Wire - 2	2	2.87	72.9	Full Crimp
Hose Type					
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position

R16S					
R16S-04	THY - Standard/Braided - 1/4	1/4	0.62	15.6	Crimp to knurl
R16S-04	T43 - 43 Series - 1/4	1/4	0.66	16.6	Full Crimp
R16S-04	SS-THY - Stainless - 1/4	1/4	0.62	15.6	Crimp to knurl
R16S-04	BW - Bite to Wire - 1/4	1/4	0.67	17	Full Crimp
R16S-06	THY - Standard/Braided - 3/8	3/8	0.77	19.6	Crimp to knurl
R16S-06	T43 - 43 Series - 3/8	3/8	0.84	21.2	Full Crimp
R16S-06	SS-THY - Stainless Steel - 3/8	3/8	0.77	19.6	Crimp to knurl
R16S-06	BW - Bite to Wire - 3/8	3/8	0.82	20.7	Full Crimp
R16S-08	THY - Standard/Braided - 1/2	1/2	0.86	21.8	Crimp to knurl
R16S-08	T43 - 43 Series - 1/2	1/2	0.96	24.3	Full Crimp
R16S-08	SS-THY - Stainless Steel - 1/2	1/2	0.86	21.8	Crimp to knurl
R16S-08	BW - Bite to Wire - 1/2	1/2	0.95	24	Full Crimp
R16S-10	THY - Standard/Braided - 5/8	5/8	1	25.4	Crimp to knurl
R16S-10	T43 - 43 Series - 5/8	5/8	1.07	27.2	Full Crimp
R16S-10	SS-THY - Stainless Steel - 5/8	5/8	1	25.4	Crimp to knurl
R16S-10	BW - Bite to Wire - 5/8	5/8	1.18	29.9	Full Crimp
R16S-12	THY - Standard/Braided - 3/4	3/4	1.13	28.7	Crimp to knurl
R16S-12	T43 - 43 Series - 3/4	3/4	1.26	31.9	Full Crimp
R16S-12	SS-THY - Stainless Steel - 3/4	3/4	1.13	28.7	Crimp to knurl
R16S-12	BW - Bite to Wire - 3/4	3/4	1.23	31.2	Full Crimp
R16S-16	THY - Standard/Braided - 1'	1'	1.43	36.2	Crimp to knurl
R16S-16	T43 - 43 Series - 1"	1"	1.6	40.6	Full Crimp
R16S-16	SS-THY - Stainless Steel - 1"	1"	1.43	36.2	Crimp to knurl
R16S-16	BW - Bite to Wire - 1'	1'	1.56	39.5	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R17					
R17-04	THY - Standard/Braided - 1/4	1/4	0.57	14.4	Crimp to knurl
R17-04	T43 - 43 Series - 1/4	1/4	0.66	16.6	Full Crimp
R17-04	SS-THY - Stainless Steel - 1/4	1/4	0.64	14.4	Crimp to knurl
R17-04	BW - Bite to Wire - 1/4	1/4	0.63	15.9	Full Crimp
R17-06	THY - Standard/Braided - 3/8	3/8	0.73	18.4	Crimp to knurl
R17-06	T43 - 43 Series - 3/8	3/8	0.84	21.2	Full Crimp
R17-06	SS-THY - Stainless Steel - 3/8	3/8	0.8	18.4	Crimp to knurl
R17-06	BW - Bite to Wire - 3/8	3/8	0.78	19.8	Full Crimp
R17-08	THY - Standard/Braided - 1/2	1/2	0.84	21.3	Crimp to knurl
R17-08	T43 - 43 Series - 1/2	1/2	0.93	23.6	Full Crimp
R17-08	SS-THY - Stainless Steel - 1/2	1/2	0.84	21.3	Crimp to knurl
R17-08	BW - Bite to Wire - 1/2	1/2	0.91	23.2	Full Crimp
R17-10	THY - Standard/Braided - 5/8	5/8	1	25.3	Crimp to knurl
R17-10	T43 - 43 Series - 5/8	5/8	1.07	27.2	Full Crimp
R17-10	SS-THY - Stainless Steel - 5/8	5/8	1	25.3	Crimp to knurl
R17-10	BW - Bite to Wire - 5/8	5/8	1.17	29.7	Full Crimp
R17-12	THY - Standard/Braided - 3/4	3/4	1.16	29.5	Crimp to knurl
R17-12	T43 - 43 Series - 3/4	3/4	1.26	32	Full Crimp
R17-12	SS-THY - Stainless Steel - 3/4	3/4	1.26	32	Crimp to knurl
R17-12	BW - Bite to Wire - 3/4	3/4	1.28	32.4	Full Crimp
R17-16	P43 - Series - 1'	1'	1.6	40.6	Full Crimp
R17-16	BW - Bite to Wire - 1'	1'	1.56	39.6	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R12					
R12-06	BW - Bite to Wire - 3/8	3/8	0.87	22.1	Full Crimp
R12-08	BW - Bite to Wire - 1/2	1/2	1.01	25.7	Full Crimp
R12-12	UHP-3/4	3/4	1.43	36.3	Crimp to knurl
R12-12	BW - Bite to Wire - 3/4	3/4	1.32	33.5	Full Crimp
R12-16	UHP-1"	1"	1.71	43.4	Crimp to knurl
R12-16	BW - Bite to Wire - 1"	1"	1.63	41.4	Full Crimp
R12-20	JJ-STYLE - 1-1/4	1-1/4	1.98	50.3	Crimp to knurl
R12-20	BW - Bite to Wire - 1-1/4	1-1/4	2.05	52.1	Full Crimp
R12-24	JJ-STYLE - 1-1/2	1-1/2	2.23	56.6	Crimp to knurl
R12-24	BW - Bite to Wire - 1-1/2	1-1/2	2.38	60.5	Full Crimp
R12-32	JJ-STYLE - 2"	2"	2.84	72.1	Crimp to knurl

R12-32	BW - Bite to Wire - 2"	2"	2.89	73.4	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
4SH					
4SH-12	UHP-3/4	3/4	1.43	36.3	Crimp to knurl
4SH-12	BW - Bite to Wire - 3/4	3/4	1.32"	33.5	Full Crimp
4SH-16	BW - Bite to Wire - 1"	1"	1.63	41.4	Full Crimp
4SH-20	JJ-STYLE - 1-1/4	1-1/4	1.94	49.4	
4SH-20	BW - Bite to Wire - 1-1/4	1-1/4	1.99	50.5	Full Crimp
4SH-24	JJ-STYLE - 1-1/2	1-1/2	2.2	55.8	Crimp to knurl
4SH-24	BW - Bite to Wir - 1-1/2	1-1/2	2.39	60.7	Full Crimp
4SH-32	JJ-STYLE - 2"	2"	2.84	72.1	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R13					
R13-12	UHP-3/4	3/4	1.49	37.8	Crimp to knurl
R13-12	BW - Bite to Wire - 3/4	3/4	1.34	33.9	Full Crimp
R13-16	BW - Bite to Wire - 1"	1"	1.65	41.8	Full Crimp
R13-20	JJ-STYLE - 1-1/4	1-1/4	2.05	52.1	Crimp to knurl
R13-24	JJ-STYLE - 1-1/2	1-1/2	2.32	58.9	Crimp to knurl
R13-32	JJ-STYLE - 2"	2"	2.98	75.7	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R15					
R15-12	UHP-3/4	3/4	1.43	36.4	Crimp to knurl
R15-16	UHP-1"	1"	1.74	44.2	Crimp to knurl
R15-20	JJ-STYLE - 1-1/4	1-1/4	2.08	52.7	Crimp to knurl
R15-24	JJ-STYLE - 1-1/2	1-1/2	2.35	59.6	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R4					
R4-12	THY - Standard/Braided - 3/4	3/4	1.23	31.3	Crimp to knurl
R4-16	THY - Standard/Braided - 1"	1"	1.47	37.2	Crimp to knurl
R4-20	THY - Standard/Braided - 1-1/4	1-1/4	1.78	45.2	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
Stainless Teflon Hose					
R115-04	SST-3/16 (03)	R115-04	0.331	8.4074	CRIMP TO LINE
R115-05	SST-1/4 (04)	R115-05	0.47	11.938	Crimp to knurl
R115-06	SST-5/16 (05)	R115-06	0.546	13.8684	Crimp to knurl
R115-06T	SST-3/8 (06)	R115-06T	0.58	14.732	Crimp to knurl
R115-08	SST-7/16 (07)	R115-08	0.65	16.51	Crimp to knurl
R115-10	SST-1/2 (08)	R115-10	0.715	18.161	Crimp to knurl
R115-12	SST-5/8 (10)	R115-12	0.865	21.971	Crimp to knurl
R115-12T	SST-3/4 (12)	R115-12T	1.015	25.781	Crimp to knurl
R115-16T	SST-1" (16)	R115-16T	1.27	32.258	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
Barrier Refrigerant Hose					
BH-06	BL-06	3/8	0.684	17.3736	MIDDLE OF SHELL
BH-08	BL-08	1/2	0.785	19.939	MIDDLE OF SHELL
BH-10	BL-10	5/8	0.905	22.987	MIDDLE OF SHELL
BH-12	BL-12	3/4	1.05	26.67	MIDDLE OF SHELL
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
Jack Hose					
4HJK	Standard/Braided - 1/4	1/4	0.634	16.1036	Crimp to knurl
6HJK	Standard/Braided - 3/8	3/8	0.785	19.939	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
Tuff Cover 2 Wire Hydraulic Hose					
UFW-04	THY - Standard/Braided - 1/4	1/4	0.6	15.2	Crimp to knurl
UFW-04	T43 - 43 Series - 1/4	1/4"	0.66	16.6	Full Crimp
UFW-04	SS-THY - Stainless Steel - 1/4	1/4"	0.6	15.2	Crimp to knurl
UFW-04	BW - Bite to Wire - 1/4	1/4	0.66	16.8	Full Crimp
UFW-06	THY - Standard/Braided - 3/8	3/8"	0.75	19.1	Crimp to knurl
UFW-06	T43 - 43 Series - 3/8	3/8	0.83	21	Full Crimp
UFW-06	SS-THY - Stainless Steel - 3/8	3/8	0.75	19.1	Crimp to knurl
UFW-06	BW - Bite to Wire - 3/8	3/8	0.8	20.3	Full Crimp
UFW-08	THY - Standard/Braided - 1/2	1/2"	0.88	22.4	Crimp to knurl

UFW-08	T43 - 43 Series - 1/2	1/2	0.95	24	Full Crimp
UFW-08	SS-THY - Stainless Steel - 1/2	1/2	0.86	21.8	Crimp to knurl
UFW-08	Bite to Wire (W Style) - 1/2	1/2	0.95	24.1	Full Crimp
UFW-10	THY - Standard/Braided - 5/8	5/8"	1.01	25.6	Crimp to knurl
UFW-10	T43 - 43 Series - 5/8	5/8	1.07	27.2	Full Crimp
UFW-10	SS-THY - Stainless Steel - 5/8	5/8	1.01	25.6	Crimp to knurl
UFW-10	BW - Bite to Wire - 5/8	5/8	1.17	29.7	Full Crimp
UFW-12	THY - Standard/Braided - 3/4	3/4"	1.15	29.2	Crimp to knurl
UFW-12	T43 - 43 Series - 3/4	3/4	1.18	30	Full Crimp
UFW-12	SS-THY - Stainless Steel - 3/4	3/4	1.15	29.2	Crimp to knurl
UFW-12	Bite to Wire (W Style) - 3/4	3/4	1.24	31.5	Full Crimp
UFW-16	THY - Standard/Braided - 1"	1"	1.46	37	Crimp to knurl
UFW-16	T43 - 43 Series - 1"	1"	1.6	40.6	Full Crimp
UFW-16	SS-THY - Stainless Steel - 1"	1"	1.46	37	Crimp to knurl
UFW-16	BW - Bite to Wire - 1"	1"	1.55	39.2	Full Crimp
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R5					
R5-04	THY - Standard/Braided - 3/16	3/16	0.54	13.6	Crimp to knurl
R5-05	THY - Standard/Braided - 1/4	1/4	0.66	16.8	Crimp to knurl
R5-06	THY - Standard/Braided - 5/16	5/16	0.73	18.4	Crimp to knurl
R5-08	THY - Standard/Braided - 7/16	7/16	0.83	21.1	Crimp to knurl
R5-10	THY - Standard/Braided - 1/2	1/2	0.92	23.3	Crimp to knurl
R5-12	THY - Standard/Braided - 5/8	5/8	1.04	26.3	Crimp to knurl
R5-16	THY - Standard/Braided - 7/8	7/8	1.24	31.5	Crimp to knurl
R5-20	THY - Standard/Braided - 1-1/8	1-1/8	1.53	38.9	Crimp to knurl
R5-24	THY - Standard/Braided - 1-3/8	1-3/8	1.73	43.9	Crimp to knurl
R5-32	THY - Standard/Braided - 1-13/16	1-13/16	2.23	56.5	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
High Pressure Tuff Cover Hose					
KTSF-12	UHP	3/4"	1.46	37.9	
KTSF-16	UHP	1"	1.74	44.2	
KTSF-20	JJ	1-1/4"		0	
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
Pressure Wash Hose					
PW-06	THY - Standard/Braided - 3/8	3/8"	0.76	19.2	Crimp to knurl
Hose Type	Hose End/Fitting Coupling Style	Hose Size (inches)	Crimp Diameter (inches)	Crimp Diameter (mm)	Die Position
R7- Thermoplastic Hose					
R7-03	THY - Standard/Braided - 3/16	3/16"	0.5	12.6	Crimp to knurl
R7-04	THY - Standard/Braided - 1/4	1/4"	0.56	14.1	Crimp to knurl
R7-05	THY - Standard/Braided - 5/16	5/16"	0.63	16	Crimp to knurl
R7-06	THY - Standard/Braided - 3/8	3/8"	0.72	18.3	Crimp to knurl
R7-08	THY - Standard/Braided - 1/2	1/2"	1	25.4	Crimp to knurl
R7-12	THY - Standard/Braided - 3/4	3/4"	1.19	30.1	Crimp to knurl