

**TEXCEL TC100SH - TC100SP Crimp Chart**

Document No. TC-1018C

Version 1.1

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**Note: All settings are target settings only and must be verified by user**

TEXCEL HOSE TYPE		DASH SIZE	INCH SIZE	DN SIZE	COUPLING SERIES	Ø Crimp OD +/- 0,1mm	Ø Crimp OD +/- 0.004"	Crimp Length	Die Size	Approximate Setting	Insertion Depth
<b>HB3K, HB3KXT ISOBARIC BRAID 3000 PSI HOSE</b>											
HB3K-4	HB3KXT-4	4	1/4"	6	F2	16.10	0.634	FULL	16	0.10	0.925
HB3K-6	HB3KXT-6	6	3/8"	10	F2	19.50	0.768	FULL	19	0.50	1.003
HB3K-8	HB3KXT08	8	1/2"	12	F2	23.20	0.913	FULL	23	0.20	1.141
HB3K-10		10	5/8"	16	F2	28.10	1.106	FULL	27	1.10	1.259
HB3K-12	HB3KXT-12	12	3/4"	19	F2	31.60	1.244	FULL	31	0.60	1.397
HB3K-16	HB3KXT-16	16	1"	25	F2	38.90	1.531	FULL	38	0.90	1.771
<b>HB3K-10 F4</b>											
HB3K-10		10	5/8"	16	F4	28.90	1.138	FULL	27	1.90	1.201
HB3K-12	HB3KXT-12	12	3/4"	19	F4	33.20	1.307	FULL	31	2.20	1.397
<b>HB4K ISOBARIC BRAID 4000 PSI HOSE</b>											
HB4K-6		6	3/8"	10	F2	20.80	0.819	FULL	19	1.80	1.003
HB4K-8		8	1/2"	12	F2	24.30	0.957	FULL	23	1.30	1.141
HB4K-10	HB4KXT-10	10	5/8"	16	F2	28.20	1.11	FULL	27	1.20	1.259
HB4K-12		12	3/4"	19	F2	31.10	1.224	FULL	31	0.10	1.397
<b>HB4K-10 F4</b>											
HB4K-10		10	5/8"	16	F4	28.90	1.138	FULL	27	1.90	1.201
HB4K-12		12	3/4"	19	F4	32.80	1.291	FULL	31	1.80	1.397
<b>HB5K, HB5KXT ISOBARIC BRAID 5000 PSI HOSE</b>											
HB5K-4	HB5KXT-4	4	1/4"	6	F2	16.90	0.665	FULL	16	0.90	0.925
HB5K-6	HB5KXT-6	6	3/8"	10	F2	20.90	0.823	FULL	19	1.90	1.003
HB5K-8	HB5KXT-8	8	1/2"	12	F2	24.20	0.953	FULL	23	1.20	1.141
HB5K-10		10	5/8"	16	F2	29.40	1.157	FULL	27	2.40	1.259
<b>HB5K-10 F4</b>											
HB5K-10		10	5/8"	16	F4	29.20	1.150	FULL	27	2.20	1.201
<b>HB6K ISOBARIC BRAID 6000 PSI HOSE</b>											
HB6K-4		4	1/4"	6	F2	16.90	0.665	FULL	16	0.90	0.925
HB6K-6		6	3/8"	10	F2	20.80	0.819	FULL	19	1.80	1.003
<b>HBR1 SAE 100R1AT BRAIDED HOSE</b>											
HBR1-4		4	1/4"	6	F2	16.20	0.638	FULL	16	0.20	0.925
HBR1-6		6	3/8"	10	F2	20.60	0.811	FULL	19	1.60	1.003
HBR1-8		8	1/2"	12	F2	23.90	0.941	FULL	23	0.90	1.141
HBR1-10		10	5/8"	16	F2	27.70	1.091	FULL	27	0.70	1.259
HBR1-12		12	3/4"	19	F2	31.10	1.224	FULL	31	0.10	1.397
HBR1-16		16	1"	25	F2	39.30	1.547	FULL	38	1.30	1.771

HBR1-10	10	5/8"	16	F4	28.20	1.110	FULL	27	1.20	1.201
HBR1-12	12	3/4"	19	F4	32.20	1.268	FULL	31	1.20	1.397

HBR2 SAE 100R2AT BRAIDED HOSE										
HBR2-4	4	1/4"	6	F2	17.30	0.681	FULL	16	1.30	0.925
HBR2-6	6	3/8"	10	F2	21.80	0.858	FULL	19	2.80	1.003
HBR2-8	8	1/2"	12	F2	25.10	0.988	FULL	23	2.10	1.141
HBR2-10	10	5/8"	16	F2	28.50	1.122	FULL	27	1.50	1.259
HBR2-12	12	3/4"	19	F2	32.20	1.268	FULL	31	1.20	1.397
HBR2-16	16	1"	25	F2	40.30	1.587	FULL	38	2.30	1.771

HBR2-10	10	5/8"	16	F4	29.60	1.165	FULL	27	2.60	1.201
HBR2-12	12	3/4"	19	F4	39.90	1.571	FULL	38	1.90	1.397

HHT2 SAE 100R2AT BRAIDED HOSE										
HHT2-4	4	1/4"	6	F2	18.30	0.72	FULL	16	2.30	0.925
HHT2-6	6	3/8"	10	F2	22.40	0.882	FULL	19	3.40	1.003
HHT2-8	8	1/2"	12	F2	25.60	1.008	FULL	23	2.60	1.141
HHT2-12	12	3/4"	19	F2	33.00	1.299	FULL	31	2.00	1.397
HHT2-16	16	1"	25	F2	40.50	1.594	FULL	38	2.50	1.771

HBJK 10,000 PSI JACK HOSE										
HBJK-04	4	1/4"	6	F2	17.00	0.669	FULL	16	1.00	0.925
HBJK-06	6	3/8"	10	F2	21.20	0.835	FULL	19	2.20	1.003

HS4K ISOBARIC SPIRAL 4000 PSI HOSE										
HS4K-10	10	5/8"	16	F4	30.70	1.209	FULL	27	3.70	1.201
HS4K-12	12	3/4"	19	F4	34.90	1.374	FULL	34	0.90	1.397

HS5K, HS5KXT ISOBARIC SPIRAL 5000 PSI HOSE											
HS5K-8	8	1/2"	12	F4	26.10	1.028	FULL	23	3.10	1.122	
HS5K-10	10	5/8"	16	F4	30.10	1.185	FULL	27	3.10	1.201	
HS5K-12	HS5KXT-12	12	3/4"	19	F4	34.60	1.362	FULL	34	0.60	1.397

HS6K ISOBARIC SPIRAL 6000 PSI HOSE										
HS6K-8	8	1/2"	12	F4	26.40	1.039	FULL	23	3.40	1.122
HS6K-10	10	5/8"	16	F4	30.10	1.185	FULL	27	3.10	1.201
HS6K-12	12	3/4"	19	F4	34.80	1.37	FULL	34	0.80	1.397

HBR4 SAE 100R4 SUCTION RETURN HOSE										
HBR4-12	12	3/4"	19	FS	30.78	1.212	FULL	27	3.78	0.996
	12	3/4"	19	F2	33.60	1.323	FULL	31	2.60	1.397
HBR4-16	16	1"	25	FS	38.86	1.53	FULL	34	4.86	1.137
	16	1"	25	F2	41.40	1.63	FULL	38	3.40	1.771

HBR5, HBHTR5 SAE 100R5 BRAIDED HOSE											
HBR5-4	HBHTR5-4	4	3/16"	5	F5	15.50	0.61	FULL	14**	1.50	0.866

HBR5-5	HBHTR5-5	5	1/4"	6	F5	18.10	0.716	FULL	16	2.10	0.925
HBR5-6	HBHTR5-6	6	5/16"	8	F5	20.40	0.803	FULL	19	1.40	0.925
HBR5-8	HBHTR5-8	8	13/32"	10	F5	21.80	0.858	FULL	19	2.80	1.004
HBR5-10	HBHTR5-10	10	1/2"	12	F5	26.50	1.043	FULL	23	3.50	1.142
HBR5-12	HBHTR5-12	12	5/8"	16	F5	30.60	1.205	FULL	27	3.60	1.201
HBR5-16	HBHTR5-16	16	7/8"	22	F5	35.30	1.39	FULL	34	1.30	1.791

TR7, TTR7, TNCR7, TTNC7 SAE 100R7 THERMOPLASTIC													
TR7-2				2	1/8"	4	FT	10.60	0.417	0.450*	10**	0.60	0.531
TR7-4	TTR7-4	TNCR7-4	TTNC7-4	4	1/4"	6	FT	14.60	0.575	FULL	14**	0.60	0.906
TR7-6	TTR7-6	TNCR7-6	TTNC7-6	6	3/8"	10	FT	18.80	0.74	FULL	16	2.80	1.004
TR7-8	TTR7-8	TNCR7-8	TTNC7-8	8	1/2"	12	FT	24.20	0.953	FULL	23	1.20	1.142
TR7-12				12	3/4"	19	FT	30.70	1.209	1.180*	27	3.70	1.398

TR8, TTR8, TNCR8 SAE 100R8 THERMOPLASTIC													
TR8-4	TTR8-4	TNCR8-4		4	1/4"	6	FT	14.20	0.559	FULL	14**	0.20	0.906
TR8-6	TTR8-6	TNCR8-6		6	3/8"	10	FT	18.50	0.728	FULL	16	2.50	1.004
TR8-8	TTR8-8	TNCR8-8		8	1/2"	12	FT	23.50	0.925	FULL	23	0.50	1.142

BR14 SAE 100R14 TEFLON HOSE													
BR14-4				4	1/4"	6	FT	12.60	0.496	0.748*	12**	0.60	0.906
BR14-6				6	3/8"	10	FT	16.40	0.646	0.866*	16	0.40	1.004
BR14-8				8	1/2"	12	FT	20.40	0.803	1.024*	19	1.40	1.142
BR14-10				10	5/8"	16	FT	25.50	1.004	1.024*	23	2.50	1.26
BR14-12				12	3/4"	19	FT	28.00	1.102	1.181*	27	1.00	1.398
BR14-16				16	1"	25	FT	35.40	1.394	1.457*	34	1.40	1.772

TEX-PUSH-ON 300 HOSE													
PUSH-4				4	1/4"	6	FT	15.80	0.622	FULL	14	1.80	0.906
PUSH-6				6	3/8"	10	FT	19.30	0.76	FULL	19	0.30	1.004
PUSH-8				8	1/2"	12	FT	23.10	0.909	FULL	23	0.10	1.142
PUSH-12				12	3/4"	19	FT	31.20	1.228	FULL	31	0.20	1.398

TEX-GS GENERAL SERVICE 250/300 AIR HOSE													
TEX-GS-4				4	1/4"	6	FT	16.00	0.63	FULL	16	0.00	0.906
TEX-GS-6				6	3/8"	10	FT	19.70	0.776	FULL	19	0.70	1.004
TEX-GS-8				8	1/2"	12	FT	25.00	0.984	FULL	23	2.00	1.142

TEX-MP MULTIPURPOSE 300 AIR HOSE													
TEX-MP-4				4	1/4"	6	FT	15.90	0.626	FULL	14	1.90	0.906
TEX-MP-6				6	3/8"	10	FT	19.70	0.776	FULL	19	0.70	1.004
TEX-MP-8				8	1/2"	12	FT	25.00	0.984	FULL	23	2.00	1.142

\* Crimp Length Measured From Tail Of Ferrule = Bubble Crimp  
Block style 90's require a notched pusher plate  
\*\*Optional Die Required





