

All dimensions are in (inch)

HOSE		VALUES	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"			
			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32			
10.1216 R6 / 1TE		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16						
		CRIMPING DIAMETER	0.508	0.591	0.646	0.748	0.902	1.031	1.154	1.398						
10.1217 2TE		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16						
		CRIMPING DIAMETER	0.520	0.598	0.654	0.756	0.909	1.055	1.197	1.504						
10.1220 R3 / 3TE		FERRULE	20.201.04	20.201.05	20.201.06	20.202.08	20.202.10	20.202.12	20.302.16	20.201.20	20.201.24	20.201.32				
		CRIMPING DIAMETER	0.657	0.661	0.854	0.961	1.083	1.213	1.673	1.811	2.165	2.638				
10.1002 10.1052 10.1002.XXHT R1AT / 1SN		FERRULE	20.101.03	20.101.04	20.101.05	20.101.06	20.202.08	20.202.10	20.202.12	20.301.16	20.101.20	20.101.24	20.101.32			
		CRIMPING DIAMETER	0.618	0.657	0.728	0.795	0.925	1.055	1.201	1.543	1.791	2.165	2.654			
		FERRULE	20.204.03	20.302.04	20.302.05	20.302.06	20.302.08	20.302.10	20.302.12	20.204.16	20.204.20	20.204.24	20.204.32			
		CRIMPING DIAMETER	0.661	0.657	0.748	0.819	0.961	1.110	1.267	1.543	1.933	2.224	2.677			
10.1004 10.1054 10.1004.XXHT R2AT / 2SN		FERRULE	20.200.03	20.200.04	20.200.05	20.200.06	20.200.08	20.200.10	20.200.12	20.200.16	20.200.20	20.200.24	20.200.32			
		CRIMPING DIAMETER	0.591	0.661	0.827	0.874	1.024	1.138	1.319	1.661	2.039	2.276	2.752			
		EXTERNAL SKIVING	0.827	0.787	0.787	0.827	0.984	1.063	1.220	1.457	1.654	2.047	2.402			
		FERRULE	20.201.03	20.201.04	20.201.05	20.201.06	20.202.08	20.202.10	20.202.12			20.201.20	20.201.24	20.201.32		
		CRIMPING DIAMETER	0.610	0.677	0.787	0.846	0.921	1.063	1.201			1.921	2.323	2.724		
		FERRULE	20.204.03							20.204.16	20.204.20	20.204.24	20.204.32			
CRIMPING DIAMETER	0.705							1.551	2.039	2.283	2.736					
10.1017 10.1517 R17 / 1SC		FERRULE							20.302.10	20.302.12	20.302.16					
		CRIMPING DIAMETER							1.126	1.287	1.591					
15C 10.1018 10.1518		FERRULE	20.305.04	20.305.05	20.305.06	20.305.08				20.305.10	20.305.12	20.305.16				
		CRIMPING DIAMETER	0.598	0.681	0.768	0.850				0.988	1.142	1.457				
10.1019 10.1519 10.1010 R16 / 2SC IMPACTUS		FERRULE							20.204.16							
		CRIMPING DIAMETER							1.535							
10.1012 R12		FERRULE	20.302.04	20.302.05	20.302.06	20.302.08	20.302.10	20.302.12	20.302.16							
		CRIMPING DIAMETER	0.669	0.768	0.811	0.969	1.110	1.283	1.591							
10.1012 R12		FERRULE	20.200.06	20.200.08	20.200.10	20.200.12	20.200.16									
		CRIMPING DIAMETER	0.906	1.031	1.150	1.354	1.661									
		EXTERNAL SKIVING	0.984	0.984	1.181	1.378	1.575									
		CRIMPING DIAMETER	20.NS4.06	20.NS4.08	20.NS4.10	20.NS4.12	20.NS4.16	20.NS4.20	20.NS4.24							
CRIMPING DIAMETER	0.941	1.059	1.197	1.398	1.677	2.083	2.382									



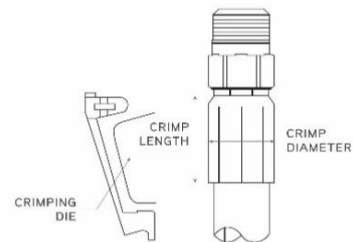
Dimensions: [inch]: tolerance – +0.010/-0.010

The indicated crimping diameters must be understood as indicative, because of the big range tolerances of hose specifications indicated in the SAE / DIN / EN standard, Balflex recommends hydrostatic testing according to ISO 1402.

BALFLEX® FULL CRIMP

Instruction

FERRULE	20.406.16	BALFLEX CODE
CRIMPING DIAMETER (inch)	1.622	Dimensions in Millimeters (inch)
EXTERNAL SKIVING	2.441	Dimensions in inch
INTERNAL SKIVING	0.630	Dimensions in inch



All dimensions are in (inch)

HOSE		VALUES	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32
10.1008		FERRULE											
		CRIMPING DIAMETER	20.200.06	20.200.08	20.200.10	20.200.12	20.200.16						
		EXTERNAL SKIVING	0.906	1.031	1.169	1.370	1.677						
4SP		FERRULE											
		CRIMPING DIAMETER	20.NS4.06	20.NS4.08	20.NS4.10	20.NS4.12	20.NS4.16	20.NS4.20	20.NS4.24				
		EXTERNAL SKIVING	0.984	0.984	1.181	1.378	1.575						
10.1009		FERRULE											
		CRIMPING DIAMETER											
		FERRULE											
		CRIMPING DIAMETER	20.NS4.12	20.NS4.16	20.NS4.20	20.NS4.24	20.NS4.32						
		EXTERNAL SKIVING	1.378	1.677	2.028	2.394	2.941						
4SH		FERRULE											
		CRIMPING DIAMETER	20.406.12	20.406.16	20.405.20	20.405.24	20.405.32						
		EXTERNAL SKIVING	1.307	1.622	1.953	2.244	2.831						
		INTERNAL SKIVING	1.969	2.441	2.835	3.189	3.228						
		INTERNAL SKIVING	0.591	0.630	0.787	0.866	1.102						
10.1014		FERRULE											
		CRIMPING DIAMETER											
		EXTERNAL SKIVING	*SEE 10.1009	**SEE 10.1009	20.406.20	20.406.24	20.406.32						
R13		INTERNAL SKIVING			2.835	3.189	3.228						
		INTERNAL SKIVING			0.787	0.866	1.102						
		INTERNAL SKIVING											
10.1016		FERRULE											
		CRIMPING DIAMETER											
		EXTERNAL SKIVING	*SEE 10.1009	**SEE 10.1009	20.406.20	20.406.24	20.406.32						
R15		INTERNAL SKIVING			2.835	3.189	3.228						
		INTERNAL SKIVING			0.787	0.866	1.102						
		INTERNAL SKIVING											
10.1029		FERRULE	20.302.04	20.302.06		20.302.08							
10.1529		CRIMPING DIAMETER	0.709	0.838	0.996								
2-MAX JACK		CRIMPING DIAMETER											
10.1030		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16			
10.1034		CRIMPING DIAMETER	0.480	0.547	0.594	0.728	0.846	1.012	1.138	1.394			
10.1031		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16			
10.1035		CRIMPING DIAMETER	0.488	0.547	0.606	0.724	0.835	1.000	1.094	1.378			
R7 STEEL		CRIMPING DIAMETER											
10.1033		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16			
R8		CRIMPING DIAMETER	0.484	0.547	0.591	0.724	0.850	1.012	1.138	1.394			
10.2003 (EUROPEAN)		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16			
R14		CRIMPING DIAMETER	0.433	0.480	0.551	0.610	0.787	0.925	1.063	1.299			
10.2010		FERRULE	20.107.04	20.107.06		20.107.08	20.107.10	20.107.12	20.107.16				
PTFE OND		CRIMPING DIAMETER	0.512	0.669	0.787	0.965	1.024	1.339					
		FERRULE	20.TFC.04	20.TFC.06	20.TFC.08	20.TFC.10	20.TFC.12	20.TFC.16	20.TFC.20	20.TFC.24	20.TFC.32		
CRIMPING DIAMETER	0.512	0.606	0.768	0.866	1.083	1.299	1.496	1.898	2.024				
HOSE		VALUES	3/16"	1/4"	5/16"	13/32"	1/2"	5/8"	3/4"	7/8"	1"	1.1/8"	
			-4	-5	-6	-8	-10	-12	-14	-16	-18	-20	
10.2000 (AMERICAN)		FERRULE	20.107.03	20.107.04	20.107.05	20.107.06	20.107.08	20.107.10	20.107.12	20.107.16			
R14		CRIMPING DIAMETER	0.433	0.480	0.551	0.630	0.787	0.925	1.063	1.299			



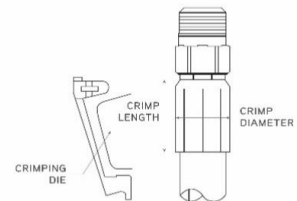
Dimensions: [inch]: tolerance – +0.010/-0.010

The indicated crimping diameters must be understood as indicative, because of the big range tolerances of hose specifications indicated in the SAE / DIN / EN standard, Balflex recommends hydrostatic testing according to ISO 1402.

* On sizes – 12 (3/4") the Balflex® POWERSPIR DIN EN 856 4SH and SAE 100R13 and SAE 100R15 hoses are the same.

** On sizes – 16 (1") the Balflex® POWERSPIR DIN EN 856 4SH and SAE 100R13 hoses are the same.

BALFLEX® FULL CRIMP



Instructions

FERRULE	20.406.16	BALFLEX CODE
CRIMPING DIAMETER (inch)	1.622	Dimensions in inch
EXTERNAL SKIVING	2.441	Dimensions in inch
INTERNAL SKIVING	0.630	Dimensions in inch