

Crimping Dimensions Table - STAUFF Hose Connectors



Hose Types for Non-Skive Integration

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Textile Hose 2TE (EN 854)								
5	3/16"	03	ECOVOS	6100095036	HF-1001-05-W3	15110N05	17.0	14.0
6	1/4"	04	ECOVOS	6100058573	HF-1005-06-W3	15330N06	19.0	15.6
8	5/16"	05	ECOVOS	2012032175	HF-1005-08-W3	15330N08	22.3	18.3
10	3/8"	06	ECOVOS	6100058570	HF-1005-10-W3	15330N10	23.0	19.0
12	1/2"	08	ECOVOS	6100058569	HF-1005-12-W3	15330N12	27.0	22.5
16	5/8"	10	ECOVOS	6100058567	HF-1005-16-W3	15330N16	32.0	27.5
19	3/4"	12	ECOVOS	6100058566	HF-1005-19-W3	15330N20	35.0	30.8
25	1"	16	ECOVOS	6100088930	HF-1005-25-W3	15330N25	42.0	37.8
31	1 1/4"	20	ECOVOS	6100095050	HF-1005-31-W3	15330N32	48.0	44.8

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Textile Hose 3TE (EN 854)								
5	3/16"	03	ECOVOS	6100095039	HF-1002-05-W3	15220N05	17.0	15.2
6	1/4"	04	ECOVOS	6100058573	HF-1005-06-W3	15330N06	19.0	15.9
8	5/16"	05	ECOVOS	2012032175	HF-1005-08-W3	15330N08	22.3	19.1
10	3/8"	06	ECOVOS	6100058570	HF-1005-10-W3	15330N10	23.0	20.0
12	1/2"	08	ECOVOS	6100058568	HF-1005-12-W3	15330N12	27.0	23.8
16	5/8"	10	ECOVOS	6100058567	HF-1005-16-W3	15330N16	32.0	28.4
19	3/4"	12	ECOVOS	6100058566	HF-1005-19-W3	15330N20	35.0	32.2
25	1"	16	ECOVOS	6100088930	HF-1005-25-W3	15330N25	42.0	38.5
31	1 1/4"	20	ECOVOS	6100095050	HF-1005-31-W3	15330N32	48.0	45.3
51	2"	32	ECOVOS	6100095052	HF-1005-51-W3	15330N50	75.9	70.0

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Braided Hose 1SN (EN 853)								
6	1/4"	04	ECOVOS	2012031318	HF-1000-06-W3	15011N06	21.0	15.8
8	5/16"	05	ECOVOS	6100058564	HF-1000-08-W3	15011N08	22.5	17.0
10	3/8"	06	ECOVOS	2012031319	HF-1000-10-W3	15011N10	26.5	20.8
12	1/2"	08	ECOVOS	2012031320	HF-1000-12-W3	15011N12	30.0	24.0
16	5/8"	10	ECOVOS	6100060738	HF-1000-16-W3	15011N16	34.0	27.5
19	3/4"	12	ECOVOS	2012031321	HF-1000-19-W3	15011N20	38.0	31.8
25	1"	16	ECOVOS	2012031442	HF-1000-25-W3	15011N25	47.0	39.8
31	1 1/4"	20	ECOVOS	2012032237	HF-1000-31-W3	15011N32	57.0	47.0
38	1 1/2"	24	ECOVOS	6100030769	HF-1000-38-W3	15011N40	65.0	55.5
51	2"	32	ECOVOS	6100060740	HF-1000-51-W3	15011N50	78.0	69.4

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Braided Hose 2SN (EN 853)								
6	1/4"	04	ECOVOS	2012031318	HF-1000-06-W3	15011N06	21.0	16.7
8	5/16"	05	ECOVOS	6100058564	HF-1000-08-W3	15011N08	22.5	18.3
10	3/8"	06	ECOVOS	2012031319	HF-1000-10-W3	15011N10	26.5	21.7
12	1/2"	08	ECOVOS	2012031320	HF-1000-12-W3	15011N12	30.0	24.8
16	5/8"	10	ECOVOS	6100060738	HF-1000-16-W3	15011N16	34.0	28.6
19	3/4"	12	ECOVOS	2012031321	HF-1000-19-W3	15011N20	38.0	32.4
25	1"	16	ECOVOS	2012031442	HF-1000-25-W3	15011N25	47.0	41.1
31	1 1/4"	20	ECOVOS	2012032237	HF-1000-31-W3	15011N32	57.0	50.1
38	1 1/2"	24	ECOVOS	6100030769	HF-1000-38-W3	15011N40	65.0	58.9
51	2"	32	ECOVOS	6100060740	HF-1000-51-W3	15011N50	78.0	71.3

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Compact Braided Hose 1SC (EN 857)								
6	1/4"	04	ECOVOS	6100025074	HF-2001-06-W3	15021N06	20.0	16.4
6	1/4"	04	OVOS	6100060744	HF-1004-06-W3	15311N06	19.0	14.6
8	5/16"	05	ECOVOS	6100060741	HF-1004-08-W3	15021N08	20.6	16.8
8	5/16"	05	OVOS	6100060745	HF-1004-08-W3	15311N08	21.0	15.9
10	3/8"	06	ECOVOS	6100058450	HF-2001-10-W3	15021N10	23.6	20.1
10	3/8"	06	OVOS	6100060746	HF-1004-10-W3	15311N10	24.0	19.3
10	3/8"	06	OVOS	6100113584	HF-1004-10-W3/2	15311N10-BT801	23.6	19.5
12	1/2"	08	ECOVOS	2012032391	HF-2001-12-W3	15021N12	27.0	24.2
12	1/2"	08	OVOS	6100113586	HF-2001-12-W3/2	15021N12-BT801	26.5	23.8
12	1/2"	08	OVOS	6100060747	HF-1004-12-W3	15311N12	27.5	22.8
16	5/8"	10	ECOVOS	6100113585	HF-2001-16-W3/2	15021N16-BT801	30.0	26.5
19	3/4"	12	ECOVOS	6100025070	HF-2001-19-W3	15021N20	35.0	31.2
25	1"	16	ECOVOS	6100060743	HF-2001-25-W3	15021N25	42.0	38.2

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Compact Braided Hose 2SC (EN 857)								
6	1/4"	04	ECOVOS	2012031318	HF-1000-06-W3	15011N06	21.0	16.1
6	1/4"	04	OVOS	6100060744	HF-1004-06-W3	15311N06	19.0	15.5
8	5/16"	05	ECOVOS	6100058564	HF-1000-08-W3	15011N08	22.5	17.4
8	5/16"	05	OVOS	6100060745	HF-1004-08-W3	15311N08	21.0	17.0
10	3/8"	06	ECOVOS	2012031319	HF-1000-10-W3	15011N10	26.5	20.7
10	3/8"	06	OVOS	6100060746	HF-1004-10-W3	15311N10	24.0	20.0
12	1/2"	08	ECOVOS	6100113584	HF-1004-10-W3/2	15311N10-BT801	23.6	20.0
12	1/2"	08	OVOS	2012031320	HF-1000-12-W3	15011N12	30.0	24.1
12	1/2"	08	OVOS	6100060747	HF-1004-12-W3	15311N12	27.5	22.9
16	5/8"	10	ECOVOS	6100113585	HF-2001-16-W3/2	15021N16-BT801	34.0	28.2
19	3/4"	12	ECOVOS	2012031321	HF-1000-19-W3	15011N20	38.0	31.9
25	1"	16	ECOVOS	2012031442	HF-1000-25-W3	15011N25	47.0	40.2

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Compact Braided Hose 1SN-K (EN 857)								
6	1/4"	04	ECOVOS	6100025074	HF-2001-06-W3	15021N06	20.0	16.5
6	1/4"	04	OVOS	6100060744	HF-1004-06-W3	15311N06	19.0	14.6
8	5/16"	05	ECOVOS	6100060741	HF-2001-08-W3	15021N08	20.6	16.1
8	5/16"	05	OVOS	6100060745	HF-1004-08-W3	15311N08	21.0	16.5
10	3/8"	06	ECOVOS	6100058450	HF-2001-10-W3	15021N10	23.6	20.0
10	3/8"	06	OVOS	6100060746	HF-1004-10-W3	15311N10	24.0	19.2
10	3/8"	06	OVOS	6100113584	HF-1004-10-W3/2	15311N10-BT801	23.6	19.5
12	1/2"	08	ECOVOS	2012032391	HF-2001-12-W3	15021N12	27.0	24.2
12	1/2"	08	OVOS	6100113586	HF-2001-12-W3/2	15021N12-BT801	26.5	24.0
12	1/2"	08	OVOS	6100060747	HF-1004-12-W3	15311N12	27.5	21.9
16	5/8"	10	ECOVOS	6100060742	HF-2001-16-W3	15021N16	31.0	27.5
16	5/8"	10	ECOVOS	6100113585	HF-2001-16-W3/2	15021N16-BT801	30.0	26.5

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm
DN	inch	Dash						
Compact Braided Hose 2SN-K (EN 857)								
6	1/4"	04	ECOVOS	2012031318	HF-1000-06-W3	15011N06	21.0	16.3
6	1/4"	04	OVOS	6100060744	HF-1004-06-W3	15311N06	19.0	16.3
8	5/16"	05	ECOVOS	6100058564	HF-1000-08-W3	15011N08	22.5	17.5
8	5/16"	05	OVOS	6100060745	HF-1004-08-W3	15311N08	21.0	16.9
10	3/8"	06	ECOVOS	2012031319	HF-1000-10-W3	15011N10	26.5	20.9
10	3/8"	06	OVOS	6100060746	HF-1004-10-W3	15311N10	24.0	20.2
10	3/8"	06	OVOS	6100113584	HF-1004-10-W3/2	15311N10-BT801	23.6	19.9
12	1/2"	08	ECOVOS	2012031320	HF-1000-12-W3	15011N12	30.0	24.6
12	1/2"	08	OVOS	6100060747	HF-1004-12-W3	15311N12	27.5	23.3
16	5/8"	10	ECOVOS	6100060738	HF-1000-16-W3	15011N16	34.0	28.5
19	3/4"	12	ECOVOS	2012031321	HF-1000-19-W3	15011N20	38.0	31.7
25	1"	16	ECOVOS	2012031442	HF-1000-25-W3	15011N25	47.0	40.4

Hose Types for Skive Integration

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm	Skive Length	
DN	inch	Dash							Outside mm	Inside mm
Braided Hose 1SN (EN 853)										
5	3/16"	03	ECOVOS	6100095087	HF-3001-05-W3	15100N05	17.3	14.5	20.0	
Braided Hose 2SN (EN 853)										
5	3/16"	03	ECOVOS	6100095088	HF-3002-05-W3	15200N05	19.0	15.8	20.0	
6	1/4"	04	ECOVOS	6100058572	HF-3000-06-W3	15031N06	22.0	18.1	25.0	
8	5/16"	05	ECOVOS	6100058571	HF-3000-08-W3	15031N08	23.0	18.2	25.0	
10	3/8"	06	ECOVOS	6100058569	HF-3000-10-W3	15031N10	26.0	21.6	28.0	
12	1/2"	08	ECOVOS	6100034501	HF-3000-12-W3	15031N12	30.0	24.8	29.0	
16	5/8"	10	ECOVOS	6100060748	HF-3000-16-W3	15031N16	33.6	28.8	29.0	
19	3/4"	12	ECOVOS	6100060749	HF-3000-19-W3	15031N20	39.0	33.3	37.0	
25	1"	16	ECOVOS	6100059977	HF-3000-25-W3	15031N25	46.0	40.9	44.0	
32	1 1/4"	20	ECOVOS	6100095083	HF-3000-31-W3	15031N32	57.0	50.4	49.0	
38	1 1/2"	24	ECOVOS	6100032578	HF-3000-38-W3	15031N40	65.0	58.2	55.0	
51	2"	32	ECOVOS	6100060750	HF-3000-51-W3	15031N50	78.0	72.4	62.0	

Hose Size			Connector Range	STAUFF Part Numbers	STAUFF Ordering Codes	Old Part Numbers	Outer Ø of Swage Ferrule mm	Recommended Crimping Dimension mm	Skive Length	
DN	inch	Dash							Outside mm	Inside mm
Compact Braided Hose 2SC (EN 857)										
6	1/4"	04	ECOVOS	6100025074	HF-2001-06-W3	15021N06	20.0	16.8	22.0</	