TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

083 - 1SB - PAINT SPRAY & SOLVENTS

Transfer Oil reserve the rights to introduce improving modifications whenever necessary.
The listed crimping data have been developed in Transfer Oil R&D laboratories and refer to tests carried out on thermoplastic hoses manufactured by Transfer Oil, and specific Transfer Oil approved ferrules and fittings.
Such values are anyway to be considered advisory and not binding for Transfer Oil because the impossibility to consider technical variability like the swaging machine used, the set of crimping dies used, the speed of the crimping process, the tolerances of each single item involved, etc.
For new applications or for hoses, ferrules and fittings not listed in this file please contact us, and we will be happy to help you in finding the best match.

Part no.	Description	Dash	Inches	DN	ID (mm)	OD (mm)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	Ferrule part n°	Ferrule material	Crimping diameter (mm)	Crimping diameter (inch)	Bore collapse (mm)	Bore collapse (inch)	go/nogo gauge	dies set* (mm)
0831	3/16 1SB PAINT SPRAY & SOL	-3	3/16	DN5	5.0	9.7	360	5200	1440	20800	SAB811	Stainless Steel (A316L)	12.1	0.476	0.3	0.0118	N/A	12
0831	3/16 1SB PAINT SPRAY & SOL	-3	3/16	DN5	5.0	9.7	360	5200	1440	20800	SAB111	Carbon Steel	12.1	0.476	0.3	0.0118	N/A	12
0832	1/4 1SB PAINT SPRAY & SOL	-4	1/4	DN6	6.5	11.7	310	4500	1240	18000	SAB821	Stainless Steel (A316L)	14.4	0.567	0.3	0.0118	N/A	14
0832	1/4 1SB PAINT SPRAY & SOL	-4	1/4	DN6	6.5	11.7	310	4500	1240	18000	SAB121	Carbon Steel	14.4	0.567	0.3	0.0118	N/A	14
0834	3/8 1SB PAINT SPRAY & SOL	-6	3/8	DN10	9.8	15.5	225	3200	900	12800	SAB841	Stainless Steel (A316L)	18.5	0.728	0.3	0.0118	N/A	16
0834	3/8 1SB PAINT SPRAY & SOL	-6	3/8	DN10	9.8	15.5	225	3200	900	12800	SAB141	Carbon Steel	18.5	0.728	0.3	0.0118	N/A	16
0835	1/2 1SB PAINT SPRAY & SOL	-8	1/2	DN12	13.0	18.8	190	2700	760	10800	SAB851	Stainless Steel (A316L)	21.8	0.858	0.5	0.0197	N/A	19
0835	1/2 1SB PAINT SPRAY & SOL	-8	1/2	DN12	13.0	18.8	190	2700	760	10800	SAB151	Carbon Steel	21.8	0.858	0.5	0.0197	N/A	19
0837	3/4 1SB PAINT SPRAY & SOL	-12	3/4	DN20	19.5	25.8	115	1600	460	6400	SAB871	Stainless Steel (A316L)	29.1	1.146	0.5	0.0197	N/A	27
0837	3/4 1SB PAINT SPRAY & SOL	-12	3/4	DN20	19.5	25.8	115	1600	460	6400	SAB171	Carbon Steel	29.1	1.146	0.5	0.0197	N/A	27

* The dies set indicated are a standard die set for FinnPower FP20 swaging machine, as used in the R&D laboratory of Transfer Oil, used to verify the swaging parameters.