TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

183 - SW AGGRESSIVE CHEMICALS

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.

WARNING: when using VHP inserts always check bore collapse using go/no go bore gauge part n° SXC---. If needed adjust crimping diameter in order to obtain the optimal bore collapse

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)
1835	1/2 SW AGGRESSIVE CHEM	-8	1/2	DN12	13.2	20.7	350	5000	1400	20000	SAF851	Stainless Steel (A316L)	27.2	1.071	0.4	0.0157	N/A	27
1835	1/2 SW AGGRESSIVE CHEM	-8	1/2	DN12	13.2	20.7	350	5000	1400	20000	SAF151	Carbon Steel	27.2	1.071	0.4	0.0157	N/A	27
1836	5/8 SW AGGRESSIVE CHEM	-10	5/8	DN16	16.3	24.8	420	6000	1680	24000	SAF861	Stainless Steel (A316L)	31.2	1.228	0.5	0.0197	SXC872	31
1836	5/8 SW AGGRESSIVE CHEM	-10	5/8	DN16	16.3	24.8	420	6000	1680	24000	SAF161	Carbon Steel	31.2	1.228	0.5	0.0197	SXC872	31
1837	3/4 SW AGGRESSIVE CHEM	-12	3/4	DN20	19.6	29.2	350	5000	1400	20000	SAF871	Stainless Steel (A316L)	35.3	1.390	0.7	0.0276	SXC872	31
1837	3/4 SW AGGRESSIVE CHEM	-12	3/4	DN20	19.6	29.2	350	5000	1400	20000	SAF171	Carbon Steel	35.3	1.390	0.7	0.0276	SXC872	31
1838	1 SW AGGRESSIVE CHEM	-16	1	DN25	25.9	36.0	280	4000	1120	16000	SAL881	Stainless Steel (A316L)	43	1.693	0.7	0.0276	SXC881	41
1838	1 SW AGGRESSIVE CHEM	-16	1	DN25	25.9	36.0	280	4000	1120	16000	SAL181	Carbon Steel	43	1.693	0.7	0.0276	SXC881	41
1839	1+1/4 SW AGGRESSIVE CHEM	-20	1+1/4	DN32	32.0	45.2	310	4500	1240	18000	SAL891	Stainless Steel (A316L)	50.2	1.976	1.8	0.0709	SXC891	47
1839	1+1/4 SW AGGRESSIVE CHEM	-20	1+1/4	DN32	32.0	45.2	310	4500	1240	18000	SAL191	Carbon Steel	50.2	1.976	1.8	0.0709	SXC891	47

* 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.