TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

048 - VHP 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)
0482	1/4 VHP AGGRESSIVE CHEM	-4	1/4	DN6	6.6	12.8	700	10000	2800	40000	SAF821	Stainless Steel (A316L)	16	0.630	0.7	0.0276	SXC821	16
0482	1/4 VHP AGGRESSIVE CHEM	-4	1/4	DN6	6.6	12.8	700	10000	2800	40000	SAF121	Carbon Steel	16	0.630	0.7	0.0276	SXC821	16
0483	5/16 VHP AGGRESSIVE CHEM	-5	5/16	DN8	8.1	16.4	700	10000	2800	40000	SAF831	Stainless Steel (A316L)	20.2	0.795	0.5	0.0197	SXC832	19
0483	5/16 VHP AGGRESSIVE CHEM	-5	5/16	DN8	8.1	16.4	700	10000	2800	40000	SAF131	Carbon Steel	20.2	0.795	0.5	0.0197	SXC832	19
0484	3/8 VHP AGGRESSIVE CHEM	-6	3/8	DN10	9.8	18.9	700	10000	2800	40000	SAF841	Stainless Steel (A316L)	22.3	0.878	0.7	0.0276	SXC841	19
0484	3/8 VHP AGGRESSIVE CHEM	-6	3/8	DN10	9.8	18.9	700	10000	2800	40000	SAF141	Carbon Steel	22.3	0.878	0.7	0.0276	SXC841	19
0485	1/2 VHP AGGRESSIVE CHEM	-8	1/2	DN12	13.0	23.2	590	8500	2360	34000	SAF851	Stainless Steel (A316L)	28	1.102	1	0.0394	SXC851	27
0485	1/2 VHP AGGRESSIVE CHEM	-8	1/2	DN12	13.0	23.2	590	8500	2360	34000	SAF151	Carbon Steel	28	1.102	1	0.0394	SXC851	27
0486	5/8 VHP AGGRESSIVE CHEM	-10	5/8	DN16	16.3	26.6	500	7200	2000	28800	SAF861	Stainless Steel (A316L)	31.6	1.244	1.1	0.0433	SXC861	31
0486	5/8 VHP AGGRESSIVE CHEM	-10	5/8	DN16	16.3	26.6	500	7200	2000	28800	SAF161	Carbon Steel	31.6	1.244	1.1	0.0433	SXC861	31
0487	3/4 VHP AGGRESSIVE CHEM	-12	3/4	DN20	19.5	30.5	450	6500	1800	26000	SAF871	Stainless Steel (A316L)	35.4	1.394	0.7	0.0276	SXC872	31
0487	3/4 VHP AGGRESSIVE CHEM	-12	3/4	DN20	19.5	30.5	450	6500	1800	26000	SAF171	Carbon Steel	35.4	1.394	0.7	0.0276	SXC872	31
0488	1 VHP AGGRESSIVE CHEM	-16	1	DN25	25.8	38.2	310	4500	1240	18000	SAF881	Stainless Steel (A316L)	45.1	1.776	0.7	0.0276	SXC881	41
0488	1 VHP AGGRESSIVE CHEM	-16	1	DN25	25.8	38.2	310	4500	1240	18000	SAF181	Carbon Steel	45.1	1.776	0.7	0.0276	SXC881	41

* 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.