TRANSFER OIL
Pure Fluid Attitude

Crimping details

最近更新： 14/09/2026

048 - VHP 甚高压化学品管

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.