TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

041 - VHP 10000

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)
0412	1/4 VHP 10000 MSHA	-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
0412	1/4 VHP 10000 MSHA	-4	1/4	DN6	6.6	12.8	700	10000	2800	40000	SAF121	Carbon Steel	16	0.630	0.7	0.0276	SXC821	16
0414	3/8 VHP 10000 MSHA	-6	3/8	DN10	9.8	18.9	700	10000	2800	40000	SAF841	Stainless Steel (A316L)	21.9	0.862	1.3	0.0512	SXC842	19
0414	3/8 VHP 10000 MSHA	-6	3/8	DN10	9.8	18.9	700	10000	2800	40000	SAF141	Carbon Steel	21.9	0.862	1.3	0.0512	SXC842	19

* 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.