TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

109 - CPHR 5000 - CONSTANT PRESSURE HYBRID REINFORCEMENT

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)
1092	1/4 CPHR 5000 MSHA	-4	1/4	DN6	6.5	11.8	350	5000	1400	20000	SAC821	Stainless Steel (A316L)	15.7	0.618	0.5	0.0197	N/A	14
1092	1/4 CPHR 5000 MSHA	-4	1/4	DN6	6.5	11.8	350	5000	1400	20000	SAC121	Carbon Steel	15.7	0.618	0.5	0.0197	N/A	14
1093	5/16 CPHR 5000 MSHA	-5	5/16	DN8	8.1	14.3	350	5000	1400	20000	SAC831	Stainless Steel (A316L)	18.3	0.720	0.5	0.0197	N/A	16
1093	5/16 CPHR 5000 MSHA	-5	5/16	DN8	8.1	14.3	350	5000	1400	20000	SAC131	Carbon Steel	18.3	0.720	0.5	0.0197	N/A	16
1094	3/8 CPHR 5000 MSHA	-6	3/8	DN10	9.7	16.2	350	5000	1400	20000	SAC841	Stainless Steel (A316L)	19.6	0.772	0.5	0.0197	N/A	19
1094	3/8 CPHR 5000 MSHA	-6	3/8	DN10	9.7	16.2	350	5000	1400	20000	SAC141	Carbon Steel	19.6	0.772	0.5	0.0197	N/A	19
1095	1/2 CPHR 5000 MSHA	-8	1/2	DN12	13.0	20.5	350	5000	1400	20000	SAC851	Stainless Steel (A316L)	24.1	0.949	0.5	0.0197	N/A	23
1095	1/2 CPHR 5000 MSHA	-8	1/2	DN12	13.0	20.5	350	5000	1400	20000	SAC151	Carbon Steel	24.1	0.949	0.5	0.0197	N/A	23

* 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.