



SRF/P & SRX/HT HOSES

UPGRADED SUCTION AND RETURN R4 HOSES

SRF/P
DEFIANT COVER

MORE COMPACT
MORE FLEXIBLE
MORE DN SIZES



SRF/HT
XTREME COVER

MORE COMPACT
MORE FLEXIBLE
MORE DN SIZES



STRONGER CONNECTIONS.
SMARTER SOLUTIONS.

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R4 HOSES

RANGE UPGRADE

As part of our commitment to continuous improvement, RYCO has developed two new hose families, intended as direct upgrades for the existing SRF and SRX suction and return hoses.

These new hose families, SRF/P and SRX/HT offer all the benefits of their predecessors, with increased flexibility and compactness, extended size range, and better performances.

SRF/P vs. SRF

SRF/P is more compact and lighter than SRF

SRF/P has a lower bending force requirement than SRF

SRF/P has a larger range of sizes, with the addition of DN 63, 76, 89, 102

SRX/HT vs. SRX

SRX/HT is more compact and lighter than SRX

SRX/HT has a lower bending force requirement than SRX

SRX/HT has a higher maximum working temperature (135°C vs. 100°C) than SRX

SRX/HT has a higher working pressure than SRX

SRX/HT has a larger range of sizes, with the addition of DN 89, 102

Please note that the fitting solutions for each new hose family remain the same as for their older equivalents (T4000), but the crimping diameters will be different, due to relevant OD changes.



DISCLAIMER

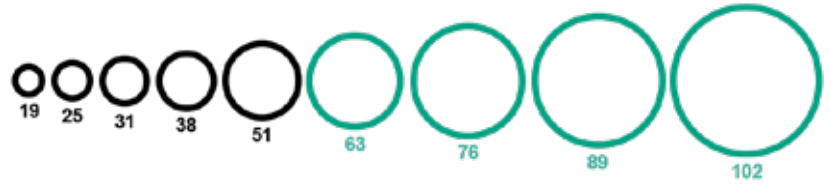
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For more information, please contact us at via our dedicated Contact Form: www.ryco-hydraulics.com/contact-us/

R4 HOSES

SIZE AND OD CHANGES

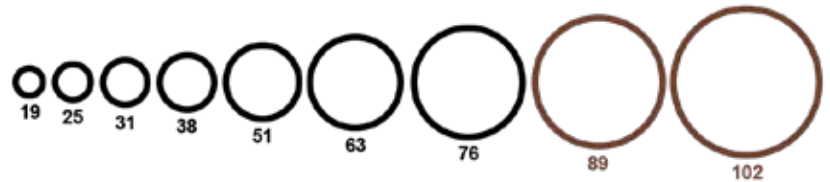
SRF/P



SRF/P - DEFIANT						
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD	
Hose	DN	Dash	mm	inch	mm	inch
SRFP12	19	-12	19,1	3/4	31,5	1.24
SRFP16	25	-16	25,4	1	40,0	1.57
SRFP20	31	-20	31,8	1.1/4	46,5	1.83
SRFP24	38	-24	38,1	1.1/2	53,1	2.09
SRFP32	51	-32	50,8	2	65,5	2.58

SRF/P - DEFIANT						
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD	
Hose	DN	Dash	mm	inch	mm	inch
SRFP12	19	-12	19,1	3/4	29,6	1.16
SRFP16	25	-16	25,4	1	36,0	1.41
SRFP20	31	-20	31,8	1.1/4	42,6	1.67
SRFP24	38	-24	38,1	1.1/2	49,4	1.94
SRFP32	51	-32	50,8	2	62,4	2.45
SRFP40	63	-40	63,5	2.1/2	76,7	3.01
SRFP48	76	-48	76,2	3	88,6	3.48
SRFP56	89	-56	88,9	3.1/2	103,9	4.09
SRFP64	102	-64	101,6	4	116,4	4.58

SRX/HT



SRX/HT - XTREME						
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD	
Hose	DN	Dash	mm	inch	mm	inch
SRXHT12	19	-12	19,1	3/4	29,6	1.17
SRXHT16	25	-16	25,4	1	36,2	1.43
SRXHT20	31	-20	31,8	1.1/4	44,0	1.73
SRXHT24	38	-24	38,1	1.1/2	49,4	1.94
SRXHT32	51	-32	50,8	2	63,8	2.51
SRXHT40	63	-40	63,5	2.1/2	76,5	3.01
SRXHT48	76	-48	76,2	3	89,9	3.54

SRX/HT - XTREME						
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD	
Hose	DN	Dash	mm	inch	mm	inch
SRXHT12	19	-12	19,1	3/4	29,6	1.16
SRXHT16	25	-16	25,4	1	36,0	1.41
SRXHT20	31	-20	31,8	1.1/4	43,0	1.69
SRXHT24	38	-24	38,1	1.1/2	49,6	1.95
SRXHT32	51	-32	50,8	2	62,4	2.45
SRXHT40	63	-40	63,5	2.1/2	75,7	2.98
SRXHT48	76	-48	76,2	3	88,2	3.47
SRXHT56	89	-56	88,9	3.1/2	103,5	4.07
SRXHT64	102	-64	101,6	4	116,6	4.59

SUCTION AND RETURN HOSES

SRF/P COMPACT SUCTION & RETURN HOSE



RECOMMENDED FOR:

Petroleum and water base hydraulic fluids in suction lines or in low pressure return lines. Small bend radius is an advantage in installations where space is minimal.

PERFORMANCE:

Meets or Exceeds the Performance Requirements of: AS 3791 100R4, SAE J517 100R4.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

Textile reinforcement with spiral wire to prevent collapsing.

COVER:

Black, oil resistant and abrasion resistant synthetic rubber.

TEMPERATURE RANGE:

From -40°C to +100°C (-40°F to +212°F).

WORKING PRESSURE:

Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure).

COUPLINGS:

NON-SKIVE ONE-PIECE CRIMP

T4000 Series (Sizes -12 to -48).

NON-SKIVE TWO-PIECE CRIMP

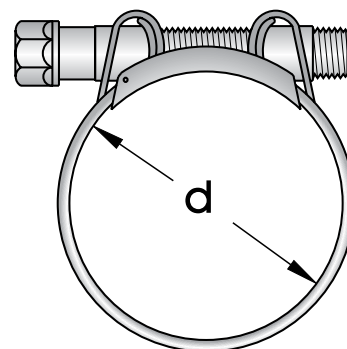
MF Series +M03400 Ferrule (Sizes -56 to -64).

SRF/P - DEFiant																		
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		VACUUM RATING		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	mmHg	inHg	kg/m	lb/ft	NON-SKIVE	
SRFP12	19	-12	19,1	3/4	29,6	1.16	21	300	84	1200	65	2.5	635	25	0,53	0.36	T4000	
SRFP16	25	-16	25,4	1	36,0	1.41	17	250	68	1000	75	2.9	635	25	0,67	0.45	T4000	
SRFP20	31	-20	31,8	1.1/4	42,6	1.67	14	200	56	800	100	3.9	635	25	0,82	0.55	T4000	
SRFP24	38	-24	38,1	1.1/2	49,4	1.94	11	150	42	600	125	4.9	635	25	1,04	0.70	T4000	
SRFP32	51	-32	50,8	2	62,4	2.45	7	100	28	400	150	5.9	635	25	1,41	0.95	T4000	
SRFP40	63	-40	63,5	2.1/2	76,7	3.01	4	60	17	240	235	9.25	635	25	2,35	1.58	T4000	
SRFP48	76	-48	76,2	3	88,6	3.48	4	60	17	240	300	11.81	635	25	2,70	1.82	T4000	
SRFP56	89	-56	88,9	3.1/2	103,9	4.09	3	40	12	170	350	13.78	635	25	3,42	2.30	MF + M03400-56	
SRFP64	102	-64	101,6	4	116,4	4.58	3	40	12	170	400	15.75	635	25	3,98	2.68	MF + M03400-64	

PART NO	CLAMP PART NO	CLAMP ADJUSTMENT RANGE	RECOMMENDED TIGHTENING TORQUE	
		d mm	N.m	ft.lbf
SRFP12	RSC-3134	31 to 34	20	15
SRFP16	RSC-3740*	37 to 40	20	15
	RSC-4043*	40 to 43	20	15
SRFP20	RSC-4347*	43 to 47	20	15
	RSC-4751*	47 to 51	20	15
SRFP24	RSC-5155	51 to 55	20	15
SRFP32	RSC-6368	63 to 68	25	18

NOTE: For sizes -20, -24 & -32, use Ryco SRF Hose.

*Due to the manufacturing tolerance on outside diameter of the hose and the range of adjustment of the clamp, it is necessary to confirm correct clamp at time of assembly.



SRX/HT

EXTREME FLEXIBILITY
COMPACT
SUCTION AND RETURN



RECOMMENDED FOR:

Petroleum and water base hydraulic fluids in suction lines or in low pressure return lines. Extreme Flexibility is an advantage in installations where space is minimal.

PERFORMANCE:

Meets or Exceeds the Performance Requirements of: AS 3791 100R4, SAE J517 100R4.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

Textile reinforcement with spiral wire to prevent collapsing.

COVER:

Black, oil resistant and abrasion resistant synthetic rubber.

TEMPERATURE RANGE:

From -40°C to +135°C (-40°F to +275°F)

WORKING PRESSURE:

Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure).

COUPLINGS:

NON-SKIVE ONE-PIECE CRIMP

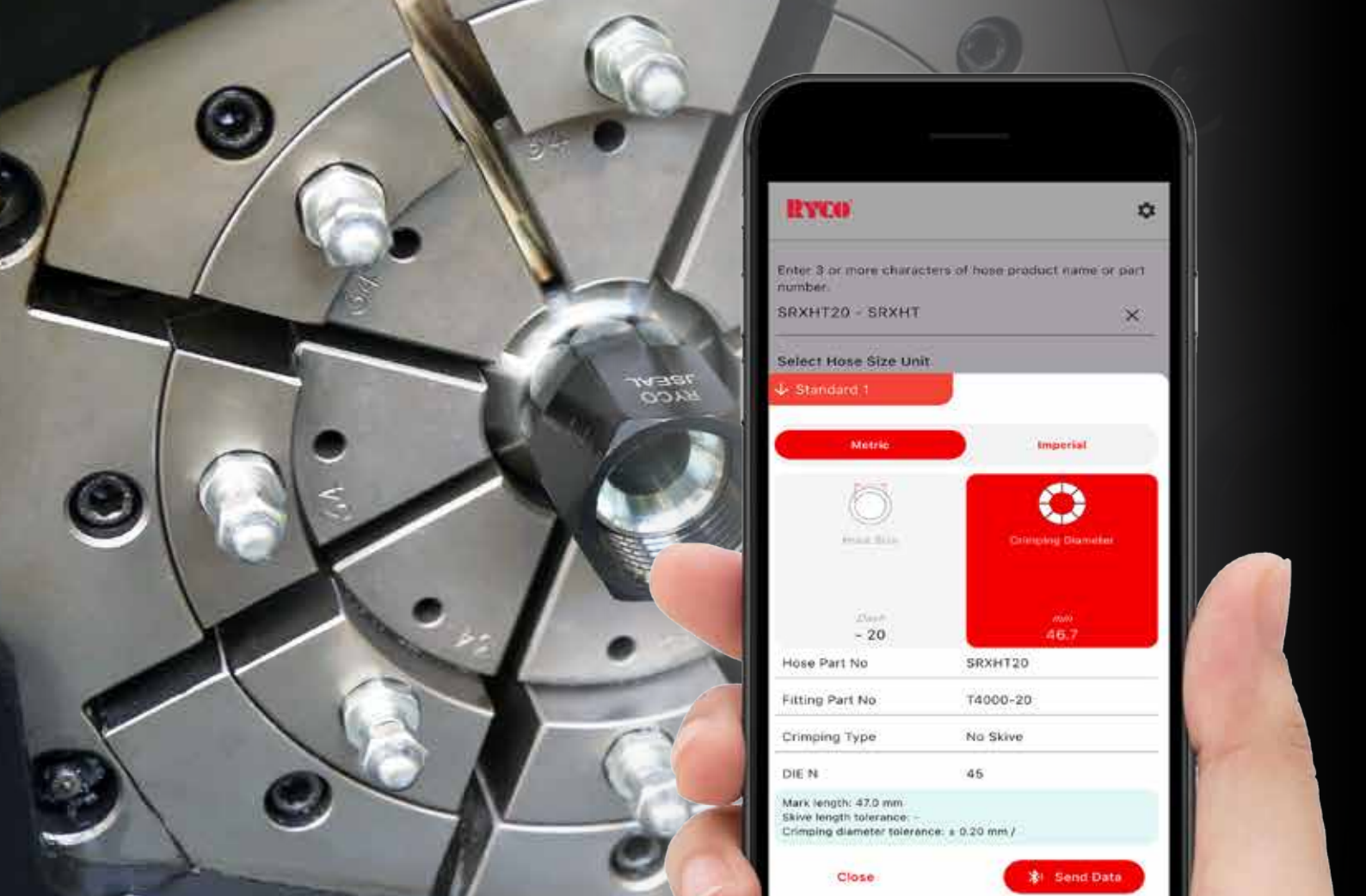
T4000 Series (Sizes -12 to -48).

NON-SKIVE TWO-PIECE CRIMP

MF Series + MO3400 Ferrule (Sizes -12 to -64).

SRX/HT - XTREME																			
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS				VACUUM RATING		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	mm	inch	mmHg	inHg	kg/m	lb/ft	NON-SKIVE
SRXHT12	19	-12	19,1	3/4	29,6	1.16	25	360	100	1,450	40	1.6	80	3.2	635	25	0,53	0.36	T4000
SRXHT16	25	-16	25,4	1	36,0	1.41	25	360	100	1,450	45	1.8	100	3.9	635	25	0,67	0.45	T4000
SRXHT20	31	-20	31,8	1.1/4	43,0	1.69	17	250	70	1,010	60	2.4	130	5.1	635	25	0,83	0.56	T4000
SRXHT24	38	-24	38,1	1.1/2	49,6	1.95	17	250	70	1,010	65	2.6	170	6.7	635	25	1,10	0.74	T4000
SRXHT32	51	-32	50,8	2	62,4	2.45	10	150	42	600	100	3.9	200	7.9	635	25	1,41	0.95	T4000
SRXHT40	63	-40	63,5	2.1/2	75,7	2.98	10	150	42	600	140	5.5	235	9.3	635	25	2,24	1.51	T4000
SRXHT48	76	-48	76,2	3	88,2	3.47	7	100	28	400	180	7.1	300	11.8	635	25	2,70	1.82	T4000
SRXHT56	89	-56	88,9	3.1/2	103,5	4.07	5	70	21	304	210	8.3	350	13.77	635	25	3,61	2.43	MF + M03400-56
SRXHT64	102	-64	101,6	4	116,6	4.59	5	70	21	304	250	9.8	400	15.74	635	25	4,21	2.83	MF + M03400-64

Refer to the Ryco Crimp App for the latest crimping parameters.



RYCO[®] CRIMP

YOUR SOURCE FOR THE MOST UP TO DATE CRIMP SETTINGS

Stay up-to-date with Ryco's Crimp App, your go-to resource for accurate, efficient, and safe hydraulic hose crimping. Designed with professionals in mind, this innovative app grants instant access to the latest crimp specifications, ensuring precision, and reliability in every assembly.

Whether in the workshop or on the go, the Ryco Crimp App provides real-time access to an extensive database of hose and fitting specifications, helping to reduce downtime and boost productivity. With seamless Bluetooth integration, users can connect to compatible devices for an even more streamlined experience.

Key Features of the Ryco Crimp App:

- Instant Access: to the latest Ryco crimp specifications.
- Bluetooth Integration: for seamless connectivity.
- Easy-to-Use Interface: for quick navigation.

Download the Ryco Crimp App Now!

Enhance your workflow and reduce downtime with the Ryco Crimp App, download it today!



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SRF/P & SRX/HT Hose Brochure V1-3

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SMARTER SOLUTIONS.**

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