



METRIC MALE O-RING FACE SEAL END

REF. GB/T 9065.1

10311Y

10312Y

PART NO.		THREAD E	HOSE SIZE		O-RING	DIMENSIONS			
BRAIDED	SPIRAL		DN	DASH		A	C	S1	
10311Y-12-04Z	-	M12X1.25	6	04	O05.3X1.8	22.5	10	14	
10311Y-12-04DZ	-	M12X1.5	6	04	O05.3X1.8	23.5	11	14	
10311Y-14-04Z *	-	M14X1.5	6	04	O07.5X1.8	23.5	11	14	
10311Y-16-04Z	-	M16X1.5	6	04	O08.5X1.8	23.5	11	17	
10311Y-16-05Z *	-	M16X1.5	8	05	O08.5X1.8	23.5	11	17	
10311Y-16-06Z	10312Y-16-06Z	M16X1.5	10	06	O08.5X1.8	23.5	11	17	
10311Y-18-06Z *	10312Y-18-06Z	M18X1.5	10	06	O9.75X1.8	23.5	11	19	
10311Y-22-05Z	-	M22X1.5	8	05	O13.2X1.8	26	12	24	
10311Y-22-06Z	10312Y-22-06Z	M22X1.5	10	06	O13.2X1.8	27	12	24	
10311Y-22-08Z *	10312Y-22-08Z	M22X1.5	12	08	O13.2X1.8	27	12	24	
10311Y-27-10Z *	10312Y-27-10Z	M27X1.5	16	10	O17.0X1.8	31.5	13	30	
10311Y-30-12Z	10312Y-30-12Z *	M30X1.5	20	12	O19.0X1.8	33.5	14	32	
10311Y-36-12Z	10312Y-36-12Z	M36X2	20	12	O23.6X1.8	35.5	16	38	
10311Y-39-16Z	10312Y-39-16Z	M39X2	25	16	O26.5X1.8	39	16	41	
10311Y1-45-20Z +	-	M45X2	32	20	O31.5X1.8	44.5	20	46	
10311Y-45-20Z ++	10312Y-45-20Z	M45X2	32	20	O31.5X1.8	44.5/47.1	20	46	
10311Y-52-24Z	10312Y-52-24Z	M52X2	40	24	O37.5X1.8	47.5/50.5	22	55	
10311Y-64-32Z	10312Y-64-32Z	M64X2	50	32	O46.2X2.65	52.5/56.9	27	65	

- The dimension A before "/" is for braided hose fitting and after "/" is for spiral hose fitting.
- Part no. marked with "\*" is recommended.
- Marked with "+" design for GH781, GH663, FC686, EC110, EC881 hose, Marked with "++" design for GH793, EC210, EC215 hose.
- The recommended match hoses for 1 piece braided fittings are : FC687/EC115-16 and smaller sizes; GH663/EC881-20 and smaller sizes; FC686/EC210/EC215/GH781-24 and smaller sizes; EC110/GH793 whole sizes etc. and with non-skive crimping. For 1 piece spiral fittings are: 2755/GH493/EC640/GH425-16 and smaller sizes; GH506/EC512-12 and larger sizes with skive crimping.
- Material options for fitting and the O-ring.

Fitting material	O-ring material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	Z	10311Y-18-06Z
304 stainless steel	Viton	SR	10311Y-18-06SR
316L stainless steel	Viton	SV	10311Y-18-06SV
316Ti stainless steel	Viton	SY	10311Y-18-06SY

6. Plating options and performance for carbon steel fittings.

Plating method	Part. No. suffix	Part No. example	White rust (Hours)	Red rust (Hours)
Cr3+ plating (Default)	Z	10311Y-18-06Z	96	360
Durakote plating	ZD	10311Y-18-06ZD	360	720
Zinc-nickel plating	ZN	10311Y-18-06ZN	1000	-