

## PUSH-ON universal self-clamping hoses



### MULTI PUSH

**PUSH-ON self-locking rubber hose, universal and for mould cooling**

**Inner layer:** black synthetic rubber

**Reinforcement:** synthetic braid

**Outer layer:** blue or red rubber  
synthetic

**Operating temperature:** up to +135°C (mineral oil),  
+80°C (water), +70°C (air)

Universal rubber hose for low pressure applications: hydraulic oil, pneumatic and water systems. **Widely used for mould cooling.** Inner layer made of synthetic rubber resistant to high temperatures (mineral oil), outer layer resistant to weather, abrasion and oil. Not recommended for flame-retardant hydraulic fluids based on phosphate esters. Safety factor 3:1. The hose is designed to work with self-clamping PUSH-ON type end fittings.

index (blue*)	inside diameter		external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	mass [kg/m]	standard length [m]
	[inch].	[mm].							
BALL-MULTIPUSH-06BL	1/4"	6,3	12,5	3,1	24	72	64	0,14	100
BALL-MULTIPUSH-08BL	5/16"	8,0	14,3	3,15	24	72	76	0,16	100
BAL-MULTIPUSH-10BL	3/8"	9,5	15,7	3,1	24	72	76	0,20	100
BALL-MULTIPUSH-13BL	1/2"	12,7	19,6	3,45	21	63	102	0,24	100
BALL-MULTIPUSH-16BL	5/8"	16,0	22,8	3,4	21	63	127	0,32	100
BALL-MULTIPUSH-19BL	3/4"	19,0	26,0	3,5	21	63	152	0,38	100
BALL-MULTIPUSH-25BL	1"	25,4	32,6	3,6	14	42	203	0,52	100

\* - red - end of index BL should be changed to R, e.g. BAL-MULTIPUSH-06R.



PUSH-ON hoses: on the left MULTIPUSH 1/2" and 3/8" rubber hoses with tips, on the right TO 106 PUSH-ON 3/4" plastic (polyurethane) hose with brass tip. Assembly of the PUSH-ON endings to the plastic hose requires the use of an assembly tool.



### TO 106 PUSH-ON / TO 107 PUSH-ON

**Polyurethane self-clamping hose PUSH-ON**

**Inner layer:** polyurethane

**Reinforcement:** synthetic braid

**Outer layer:** polyurethane (black - STANDARD)  
(orange - NON CONDUCTIVE)

**Operating temperature:** -40°C to +80°C

Very lightweight and flexible thermoplastic polyurethane hose for low-pressure hydraulic, pneumatic and water systems. Used in industrial automation and automotive applications. Free from LABS (linear alkylbenzenesulfonates), so it does not react with paints. Safety factor of 4:1 and has some vacuum resistance. The hose is designed to be used with self-clamping PUSH-ON tips. NON CONDUCTIVE version (TO-107...) not electrically conductive (leakage under test conditions according to the standard less than 50 µA at 246 kV/m for 5 min), used with electrical equipment, e.g. cooling systems.

index (STANDARD)	index (NON CONDUCTIVE)	inside diameter		external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	mass [kg/m]
		[inch].	[mm].						
TO-1062-06	TO-1072-06	1/4"	6,3	11,2	2,45	20	80	30	0,070
TO-1064-10	TO-1074-10	3/8"	9,5	15,0	2,75	20	80	50	0,110
TO-1065-13	TO-1075-13	1/2"	12,7	19,1	3,2	20	80	70	0,167
TO-1066-16	TO-1076-16	5/8"	16,2	23,1	3,45	20	80	90	0,221
TO-1067-19	TO-1077-19	3/4"	19,0	26,0	3,5	20	80	110	0,259