



973 COLOUR STRIPES CONDUCTIVE GENERAL PURPOSE EPDM



// HOSE

// 973 COLOUR STRIPES - CONDUCTIVE GENERAL PURPOSE EPDM

The general purpose hose range suitable for nitrogen, air, water and mild chemical transfer in heavy duty applications where the dissipation of electrostatic charges is a safety requirement.

The EPDM tube and cover provide a wide temperature range and excellent ozone resistance.

The coloured stripes ensure easy identification during use.

HOSE FEATURES

- 20 bar working pressure
- 4:1 safety factor
- Electrical resistance along tube and cover $\leq 10^6$ Ohm/length
- Electrical resistance through the hose wall $\leq 10^9$ Ohm
- Suitable for use in potentially explosive environments
- -40 °C +100 °C
- Smooth cover
- Identification colour stripes, available in blue, yellow, green and red

Hose ID 6-10mm: 3 longitudinal stripes at 120° - 5mm width

Hose ID 13-25mm: 4 longitudinal stripes at 90° - 5mm width



// FITTINGS

// SAFE CRIMPED ASSEMBLY SYSTEM

- Alfagomma's extensive experience in hydraulic hose assembly extended to industrial applications
- Validated crimping table with Alfagomma fittings and ferrule

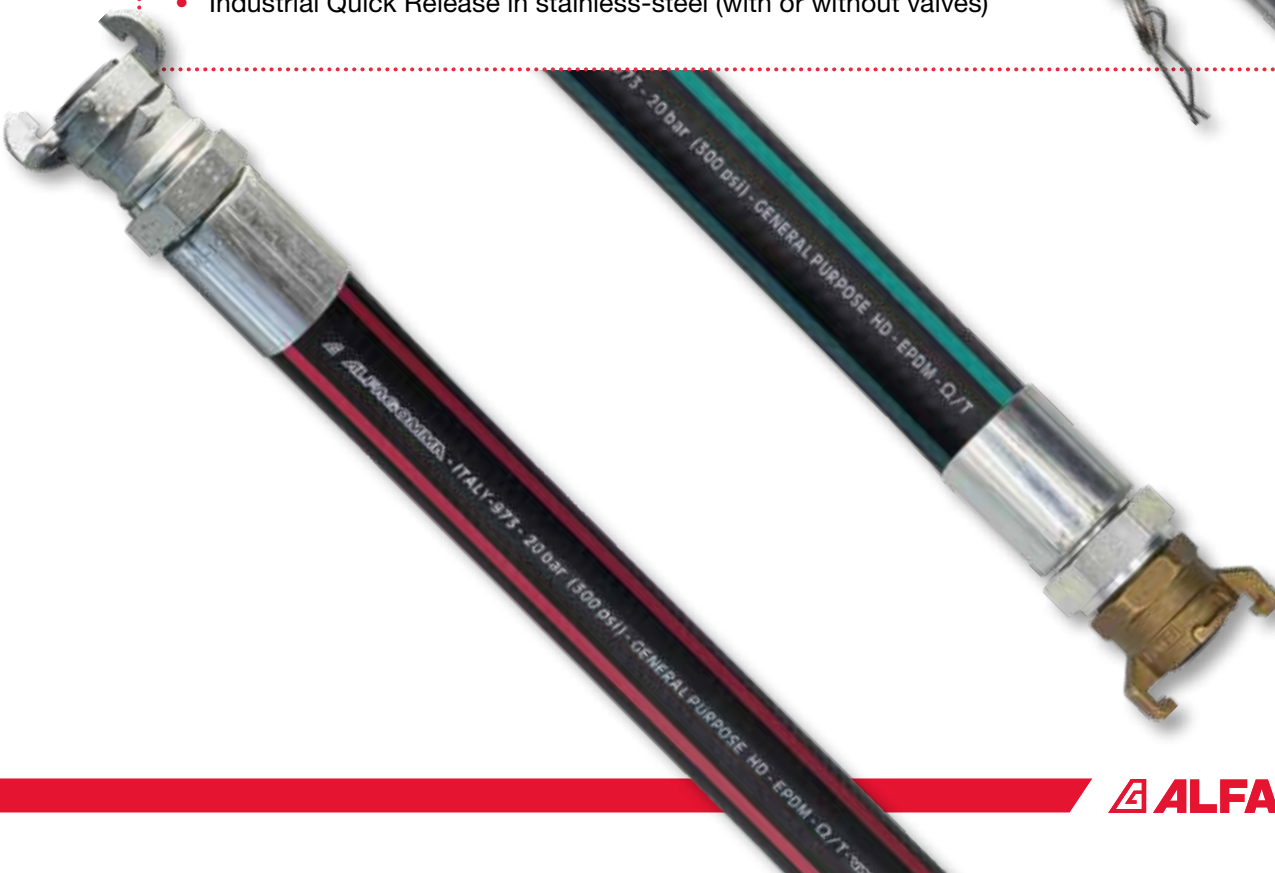
// HYDRAULIC FITTINGS & FERRULE

- Alfagomma design and manufactured high quality product
- Assorted threaded terminations to meet different market and customer requirements
- Available in plated steel and stainless-steel versions

// INDUSTRIAL SCREW-ON ADAPTERS

Wide selection in different materials to complete the system for the specific application requirements:

- Compressed air claw adapters:
Express, type A (EU) claw couplings with safety pin holes,
Mody-claw coupling DIN 3238, Type GK
- Cam & Groove (MIL A-A-59326A, EN 14 420, SAFLOK)
- Storz
- Threaded adapters
- Industrial Quick Release in stainless-steel (with or without valves)



// HOSE

// 973AA BLUE STRIPES



General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.

Reinforcement: high tensile textile cords.

Cover: black conductive EPDM with longitudinal blue stripes - abrasion and ozone resistant.

Application: nitrogen, air, water and mild chemical delivery in general industrial applications.

Suitable for use in potentially explosive environments.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

SAP code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016841	6,0	1/4"	13,00	0,51	20	300	80	1200	60	2,36	0,140	0,10	60,0
2016842	8,0	5/16"	15,00	0,59	20	300	80	1200	75	2,95	0,180	0,13	60,0
2016843	10,0	3/8"	17,00	0,67	20	300	80	1200	90	3,54	0,225	0,16	60,0
2016837	13,0	1/2"	21,00	0,83	20	300	80	1200	110	4,33	0,320	0,22	60,0
2016839	16,0	5/8"	25,00	0,98	20	300	80	1200	140	5,51	0,410	0,28	60,0
2016838	19,0	3/4"	29,00	1,14	20	300	80	1200	160	6,30	0,580	0,39	60,0
2016840	25,0	1"	36,00	1,42	20	300	80	1200	210	8,27	0,720	0,49	60,0

// 973AA YELLOW STRIPES



General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.

Reinforcement: high tensile textile cords.

Cover: black conductive EPDM with longitudinal yellow stripes - abrasion and ozone resistant.

Application: nitrogen, air, water and mild chemical delivery in general industrial applications.

Suitable for use in potentially explosive environments.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

SAP code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016827	13,0	1/2"	21,00	0,83	20	300	80	1200	110	4,33	0,320	0,22	60,0
2016828	19,0	3/4"	29,00	1,14	20	300	80	1200	160	6,30	0,580	0,39	60,0
2016831	25,0	1"	36,00	1,42	20	300	80	1200	210	8,27	0,720	0,49	60,0

// 973AA GREEN STRIPES



General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.

Reinforcement: high tensile textile cords.

Cover: black conductive EPDM with longitudinal green stripes - abrasion and ozone resistant.

Application: nitrogen, air, water and mild chemical delivery in general industrial applications.

Suitable for use in potentially explosive environments.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

SAP code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016832	13,0	1/2"	21,00	0,83	20	300	80	1200	110	4,33	0,320	0,22	60,0
2016833	19,0	3/4"	29,00	1,14	20	300	80	1200	160	6,30	0,580	0,39	60,0
2016836	25,0	1"	36,00	1,42	20	300	80	1200	210	8,27	0,720	0,49	60,0

// 973AA RED STRIPES



General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.

Reinforcement: high tensile textile cords.

Cover: black conductive EPDM with longitudinal red stripes - abrasion and ozone resistant.

Application: nitrogen, air, water and mild chemical delivery in general industrial applications.

Suitable for use in potentially explosive environments.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

SAP code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
2017364	13,0	1/2"	21,00	0,83	20	300	80	1200	110	4,33	0,320	0,22	60,0
2017365	19,0	3/4"	29,00	1,14	20	300	80	1200	160	6,30	0,580	0,39	60,0
2017366	25,0	1"	36,00	1,42	20	300	80	1200	210	8,27	0,720	0,49	60,0

// 973AA



General purpose 20 bar (300 psi) - EPDM - Heavy Duty - Conductive

Tube: black conductive EPDM.

Reinforcement: high tensile textile cords.

Cover: black conductive EPDM - abrasion and ozone resistant.

Application: nitrogen, air, water and mild chemical delivery in general industrial applications.

Suitable for use in potentially explosive environments.

Temperature: -40 °C +100 °C (-40 °F +212 °F)

SAP code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016824	13,0	1/2"	21,00	0,83	20	300	80	1200	110	4,33	0,320	0,22	60,0
2016825	19,0	3/4"	29,00	1,14	20	300	80	1200	160	6,30	0,580	0,39	60,0
2016826	25,0	1"	36,00	1,42	20	300	80	1200	210	8,27	0,720	0,49	60,0

// HOSE & FITTINGS SOLUTIONS

					HOSE					CRIMPED HYDRAULIC FITTINGS					
										Crimping table: 4.G.U.TA.076					
										Hydraulic fitting code	Hydraulic ferrule code				
					● 973AA BLUE STRIPES ● 973AA YELLOW STRIPES ● 973AA GREEN STRIPES ● 973AA RED STRIPES ● 973AA					H12xxxxx-XXxxxx (Jump sizes available to match adapter threads)	H1200TX2	Express NF E 29.573	Type A Claw coupling (European type) with safety pin holes		
															
1/4"					●					H12xxxxx-04xxxx	H1200TX2-040000	✓	✓		
5/16"					●					H12xxxxx-05xxxx	H1200TX2-050000				
3/8"					●					H12xxxxx-06xxxx	H1200TX2-060000	✓	✓		
1/2"					●	●	●	●	●	H12xxxxx-08xxxx	H1200TX2-080000	✓	✓		
5/8"					●					H12xxxxx-10xxxx	H1200TX2-100000				
3/4"					●	●	●	●	●	H12xxxxx-12xxxx	H1200TX2-120000	✓	✓		
1"					●	●	●	●	●	H12xxxxx-16xxxx	H1200TX2-160000	✓	✓		

Also available in SS316 version

ADAPTERS

Mody-safety-screwing claw coupling - DIN 3238	Type GK	Cam & Groove MIL A-A-59326A	Cam & Groove EN 14420	Cam & Groove SAFLOK	Storz	Threaded adapters	Industrial Quick Release in SS (with valves or without valves)
							
✓						✓	✓
						✓	
✓	✓					✓	✓
✓	✓	✓	✓	✓	✓	✓	✓
						✓	
✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓