



T719AA Series

Abrasive Slurry S&D Hose
with Field Attachable Coupling System



T719AA Series
Abrasive Slurry Hose

ALFAMUFF Series
Field Attachable Coupling



Excellent for highly abrasive applications such as coal, stone and ore.



KURIYAMA
OF AMERICA, INC.

NEW

T719AA Series

Abrasive Slurry S&D Hose



VIEW ONLINE



SCAN FOR INFO

or visit

KOA.link/T719AA

GENERAL APPLICATIONS

- Mining Industry (crushed/ground ore, washed coal and waste products)
- Rock quarries (crushed/ground ore, sand and river stone)
- Cement industry (lime, stone and other slurries)

CONSTRUCTION

Tube: Black conductive NR-abrasion resistance 50 mm³.

Reinforcement: High tensile textile cords with embedded steel helical wire.

Cover: Corrugated black conductive CR-abrasion, ozone, seawater and hydrocarbon resistant.

SERVICE TEMPERATURE RANGE

-22°F (-30°C) to +176°F (+80°C)

BRANDING

ALFAGOMMA ITALY 719 10 bar (150 psi) BULK MATERIAL HANDLING S&D Ω (in white letters)

FEATURES AND ADVANTAGES

- **Abrasive Resistant Tube** – Thick, highly abrasion resistant natural rubber (NR) tube. Designed to handle highly abrasive materials such as coal, sand and stone.
- **Heavy Duty Construction** – High tensile cords with embedded steel wire helix designed for applications where the hose will be subject to abuse. Its chloroprene cover resists weathering, ozone, hydrocarbons and seawater.
- **Corrugated Outer Cover** – Corrugated outer cover provides additional flexibility versus smooth cover hoses.
- **Conductive Materials** – Conductive tube and cover materials dissipate static in potentially explosive environments.

Part Number	ID		OD		Tube Thickness		Max Rec. WP (psi)	Vacuum Hg (in)	Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	(in)	(mm)					
T719AA200X100	2	51	2.95	75	0.236	6	150	30	10	100	2.09
T719AA300X100	3	76	4.49	114	0.354	9	150	30	15	100	4.96
T719AA400X100	4	102	5.24	133	0.315	8	150	30	20	100	5.25
T719AA600X100	6	152	7.40	188	0.315	8	150	30	30	100	9.53
T719AA800X100	8	203	9.57	243	0.315	8	150	30	48	100	12.53
T719AA1000X40	10	254	11.57	294	0.315	8	150	30	80	40	15.70
T719AA1200X40	12	305	13.94	354	0.354	9	150	30	96	40	19.41

Also available in 2 1/2" and 5" sizes upon request subject to minimum order quantities and lead times. Contact Kuriyama for more information.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

NEW



ALFAMUFF Series

Field Replaceable Fixed Flange-Muff Coupling

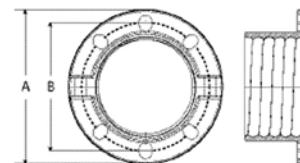
GENERAL APPLICATIONS

Specially designed for use with the T719AA abrasive slurry hose.

FEATURES AND ADVANTAGES

- **Easy Assembly** – Two identical half shells connected with bolts (included) can be assembled in the field.*
- **Reduces Replacement Costs** – Re-usable and durable couplings since not in contact with transported abrasive materials.
- **Lightweight and Durable** – Aluminum lightweight-flanged connection system.
- **Compatibility** – Universal flanges with elliptical drilling patterns.

* Coupling complete with bolts, nuts and washers.



VIEW ONLINE



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or visit

KOA.link/ALFAMUFF

Part Number	ID		Length		Max. Rec. WP (psi)	Thread Type	Flange Compatibility	Flange Dimensions				Weight Each (lbs)
	(in)	(mm)	(in)	(mm)				A (in)	A (mm)	B (in)	B (mm)	
ALFAMUFF200	2	51	3.35	85	150	UNIV	PN10/ASA150/TAB.D-E	6.50	165	4.72	120	3.15
ALFAMUFF300	3	76	3.35	85	150	UNIV	PN10/ASA150/TAB.D-E	7.87	200	6.06	154	3.73
ALFAMUFF400	4	102	3.35	85	150	UNIV	PN10/ASA150/TAB.D-E	9.05	230	7.16	182	4.71
ALFAMUFF600	6	152	4.53	115	150	UNIV	PN10/ASA150/TAB.D-E	11.22	285	9.29	236	8.34
ALFAMUFF800	8	203	5.90	150	150	UNIV	PN10/ASA150/TAB.D-E	13.58	345	11.50	292	13.26
ALFAMUFF1000	10	254	6.89	175	150	UNIV	PN10/ASA150/TAB.E	15.94	405	13.90	353	21.06
ALFAMUFF1200	12	305	7.68	195	150	UNIV	PN10/ASA150/TAB.D-E	19.49	495	16.46	418	30.23

10" size compatible with table E only

AVAILABLE Q1 2024



ALFASEAL Series

Flange Seal for Alfamuff Couplings

GENERAL APPLICATIONS

Black SBR flange seal with elliptical drilling patterns compatible with the Alfamuff couplings.

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Part Number	ID		Thickness (mm)	Weight Each (lbs)
	(in)	(mm)		
ALFASEAL200	2	51	8	0.37
ALFASEAL300	3	76	8	0.54
ALFASEAL400	4	102	8	0.69
ALFASEAL600	6	152	8	0.95

Part Number	ID		Thickness (mm)	Weight Each (lbs)
	(in)	(mm)		
ALFASEAL800	8	203	8	1.30
ALFASEAL1000	10	254	8	1.60
ALFASEAL1200	12	305	8	2.46

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Assembly Process



- 1** Measure and mark the hose to the required length



- 2** Cut the hose with a sharp cutting tool up to the steel helix wire



- 3** Cut the steel helix wire. The wire must not protrude past the end of the hose



- 4** Place the two half shells onto the hose and tighten the side flange bolts. The corrugation inside the muff coupling must align exactly with the corrugation of the hose cover



- 5** Cut off excess hose protruding past the coupling face



- 6** The hose assembly is now ready



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The Alfagomma T719AA Abrasive Slurry Handling System

Consisting of the highly abrasion resistant T719AA Series, natural rubber lined hose, and the field attachable, aluminum alloy, ALFAMUFF Series coupling, the system provides convenience in assembly and repair in highly abrasive material transfer applications such as coal, sand and stone with no crimping required.

It's ALFAMUFF Series coupling is designed so that it does not come into contact with the abrasive transferred materials, extending its life, potentially allowing for use with other hoses. Its split flange design is connected by a series of bolts, providing a secure connection which can be done in the field without the need for crimping.

COST EFFECTIVE CONVENIENCE FOR ABRASIVE SLURRY APPLICATIONS

✓ Cut and Assemble on Site

The ability to cut to size and assemble on site reduces:

- Inventory costs
- Assembly costs
- Delivery lead times

✓ Reduce Replacement Costs

The reusable couplings reduce replacement costs.

✓ Long Hose Life

The wear resistant tube increases the hose lifespan.

PRIMARY APPLICATIONS

Material transportation in the following industries

MINING –

- Crushed and ground ore
- Washed coal
- Waste products
- Slurry

QUARRYING –

- Sand and river stone
- Crushed and ground ore
- Dry gravel

CEMENT –

- Lime
- Stone
- Slurry

ALUMINUM, STEEL, AND SMELTER –

- Dry powders and solids through abrasive lines
- Slurries
- Heavy-duty water slurries

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

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