



MARCO® SUPER-FLEX® HOSE AND WIDE ENTRY NOZZLE OPTIONS



PART NUMBERS AND SCHEMATICS GUIDE

Company Profile

Allredi was formed in the early 2020, when two of the largest distributors in the blasting, coating, safety, and environmental industry, APE Companies and Marco Group International, joined forces. While the qualities both companies are known for have not changed, a lot about our business is new. New abilities. New agilities. New ways to help you win. This calls for a new name, Allredi.

This name exemplifies what we have become. It is completely oriented to the needs of our customers. To your needs. It says that when you call us for anything – products, service, expert advice, anything – you can consider it done. Or even better, Allredi done.

We are your right-now supplier. From skills to SKUs, we deliver the goods fast. So you can be more agile every minute, every day. This is who we are. This is what our new name means. Go ahead and expect excellence, because we're bringing it.

Our Mission and Vision

To be the industry's preferred partner in surface preparation solutions through unrivaled technical expertise, customer experience, product availability, and tailored service offerings.

The Allredi Difference

- **Industry Experience** – With Allredi on your team, you have access to expertise which can only come from decades of industry leadership. We have organized our engineering department, production specialists, customer operations, and safety support into a "Center of Competence." As an Allredi customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Allredi is a U.S. based manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Allredi's engineers benchmark the industry to ensure that we design and manufacture superior products that set the "Gold Standard" for performance, safety, and quality.
- **Legendary Customer Service** – Allredi's legendary customer service team is staffed by friendly, highly-trained individuals who are focused on providing the highest level of product support, order accuracy, and customer satisfaction.
- **Product Availability** – We stock over 10,000 SKU's and have over 45 shipping locations to serve North American and International markets for all major brands of blasting, coating, environmental, and safety equipment. Allredi is your right-now supplier, so you can keep your projects moving. From our foundation of strong relationships, we have built a nationwide network that puts vast inventory and ready service close to our customers. We provide advanced expertise, and we deliver the goods fast – so you can easily access the products and services you need to me more agile every minute, every day.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, SDS information, and key product features and specifications, providing access to information 24/7.

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PRODUCT BENEFITS

Increase Production Rates Up to 15%

A 15% production increase can be achieved by maintaining a consistent 1-1/4" I.D. abrasive path from the Blast Pot to the Blast Nozzle.

A 1-1/4" Wide-Entry Blast Nozzle features a 25% larger entry port than a 1" entry nozzle, allowing abrasive to smoothly flow from the blast hose into the blast nozzle without restrictions.



1-1/4" I.D. Super-Flex®
Abrasive Blasting Hose

1" I.D.
Blast Hose

Marco® Super-Flex® Abrasive Blasting Hose has a 1-1/4" inner diameter with an outer diameter of 1-7/8". This hose construction provides greater flexibility and reduced weight to reduce operator fatigue and increase production rates.

Using 1-1/4" I.D. Marco® Super-Flex® Abrasive Blasting Hose with a 1-1/4" Wide-Entry Blast Nozzle maintains a consistent path for the air and abrasive mixture into the abrasive blasting nozzle. Eliminating restrictions reduces turbulence and particle rebound at the nozzle entry, providing maximum abrasive velocity and production rates.



MARCO® 1-1/4" I.D. SUPER-FLEX® ABRASIVE BLASTING HOSE

1-1/4" I.D. X 1-7/8 O.D. SUPER-FLEX® ABRASIVE BLASTING HOSE					
Part Numbers	Fabric Reinforcement	Working Pressure	Liner Thickness	Hose Layline Color	Length (Ft.)
	2-Ply		1/4"	Tan	
10SH1142R	X	175 PSI	X	X	Per Foot
10SH114	X	175 PSI	X	X	50
10SH1141	X	175 PSI	X	X	100
10SH1144	X	175 PSI	X	X	400

Part Numbers	1-1/4" I.D. X 1-7/8" O.D. SUPER-FLEX® ABRASIVE BLASTING HOSE WITH COUPLING AND NOZZLE HOLDER INSTALLED												
	Fabric Reinforcement	Working Pressure	Liner Thickness	Hose Layline Color	Length (Ft.)	Coupling(s)					Nozzle Holder		
	2-Ply		1/4"	Tan		Aluminum	Brass	Iron	Nylon	Steel	Aluminum	Brass	Nylon
1081204	X	175 PSI	X	X	10	X					1-1/4"		
1081206	X	175 PSI	X	X	10		X					1-1/4"	
1081207	X	175 PSI	X	X	12.5	X					1-1/4"		
1081208	X	175 PSI	X	X	12.5		X					1-1/4"	
1081221	X	175 PSI	X	X	50	X					1-1/4"		
1081229	X	175 PSI	X	X	50				X				1-1/4"
1081213	X	175 PSI	X	X	50				X				50MM

MARCO® 1-1/4" I.D. SUPER-FLEX® ABRASIVE BLASTING HOSE

NOZZLE HOLDERS FOR 1-7/8" O.D. ABRASIVE BLASTING HOSE

Part Numbers	Material	Thread Style	Nozzle Washer
10NHA2	Aluminum	1-1/4"	10NW
10NHA250	Aluminum	50MM	—
10NHB2	Brass	1-1/4"	10NW
10NHB250	Brass	50MM	10NW50
10NHN2	Nylon	1-1/4"	10NW
10NHN250	Nylon	50MM	10NW50

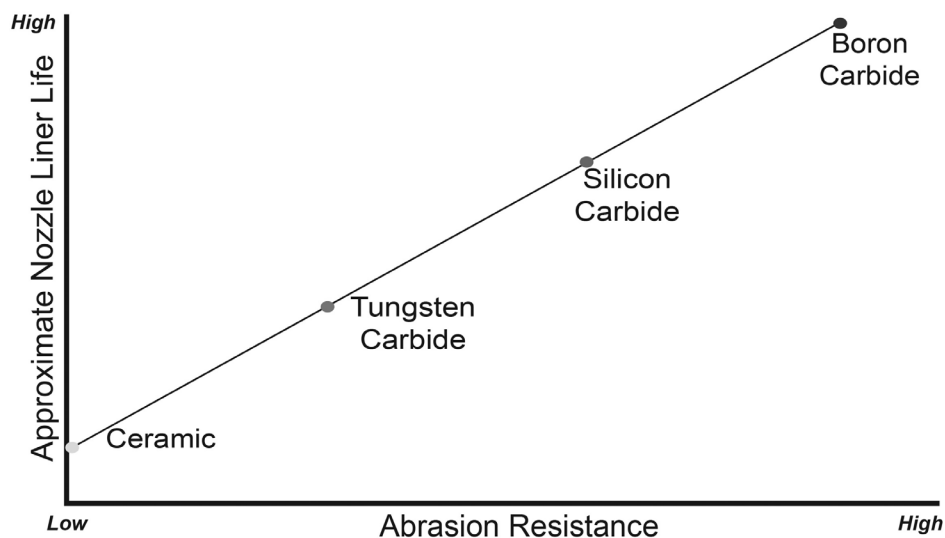
COUPLINGS FOR 1-7/8" O.D. ABRASIVE BLASTING HOSE

Part Numbers	Material	Lugs	GASKET OPTIONS		
			Rubber	Urethane	Gasket I.D.
10QAL2	Aluminum	Two	10SBG	10USBG	1-1/4"
10QAL2X	Aluminum	Oversized	10SBG2	—	1-3/4"
10QBR2	Brass	Two	10SBG	10USBG	1-1/4"
10QBR2X	Brass	Oversized	10SBG2	—	1-3/4"
10QIR2	Iron	Two	10SBG	10USBG	1-1/4"
10QNY2	Nylon	Two	10SBGNY2	—	1-1/4"

AIR & ABRASIVE CONSUMPTION CHART

NOZZLE ORIFICE	PRESSURE AT THE NOZZLE (PSI)								AIR IN CFM ABRASIVE & HP REQUIREMENTS
	50	60	70	80	90	100	125	140	
No. 5 (5/16")	77	89	101	113	126	137	168	188	AIR (CFM)
	468	534	604	672	740	812	982	1100	ABRASIVES (LBS./HR.)
	18	20	23	26	28	31	37	41	COMPRESSOR (HP)
No. 6 (3/8")	108	126	143	161	173	196	237	265	AIR (CFM)
	668	764	864	960	1052	1152	1393	1560	ABRASIVES (LBS./HR.)
	24	28	32	36	39	44	52	58	COMPRESSOR (HP)
No. 7 (7/16")	147	170	194	217	240	254	314	352	AIR (CFM)
	896	1032	1176	1312	1448	1584	1931	2163	ABRASIVES (LBS./HR.)
	33	38	44	49	54	57	69	77	COMPRESSOR (HP)
No. 8 (1/2")	195	224	252	280	309	338	409	458	AIR (CFM)
	1160	1336	1512	1680	1856	2024	2459	2754	ABRASIVES (LBS./HR.)
	44	50	56	63	69	75	90	101	COMPRESSOR (HP)
No. 10 (5/8")	308	356	404	452	504	548	663	742	AIR (CFM)
	1875	2140	2422	2690	2973	3250	3932	4405	ABRASIVES (LBS./HR.)
	65.8	79.5	90	100.5	112	122	146	165	COMPRESSOR (HP)
No. 12 (3/4")	432	504	572	644	692	784	948	1062	AIR (CFM)
	2672	2056	3456	3840	4208	4608	5570	6238	ABRASIVES (LBS./HR.)
	96	112	127	143	154	174.5	209	236	COMPRESSOR (HP)

Nozzle Liner Abrasion Resistance



MARCO® SILICON CARBIDE ALL POLY NOZZLES

Part Numbers	MARCO® SILICON CARBIDE ALL POLY NOZZLES								
	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10SN550UN	5	5/16"	1-1/4"	50MM	6"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN650UN	6	3/8"	1-1/4"	50MM	7"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN750UN	7	7/16"	1-1/4"	50MM	8"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi
10SN850UN	8	1/2"	1-1/4"	50MM	9"	Polyurethane	Polyurethane	Silicon Carbide	Long Venturi



MARCO® TUNGSTEN CARBIDE BRASS POLY NOZZLES

MARCO® TUNGSTEN CARBIDE BRASS POLY NOZZLES									
Part Numbers	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TCW5BP	5	5/16"	1-1/4"	1-1/4"	5-3/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW6BP	6	3/8"	1-1/4"	1-1/4"	6-3/4"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW7BP	7	7/16"	1-1/4"	1-1/4"	8"	Polyurethane	Brass	Tungsten Carbide	Long Venturi
10TCW8BP	8	1/2"	1-1/4"	1-1/4"	9"	Polyurethane	Brass	Tungsten Carbide	Long Venturi



MARCO® TUNGSTEN CARBIDE LINER WITH POLYURETHANE JACKET NOZZLES

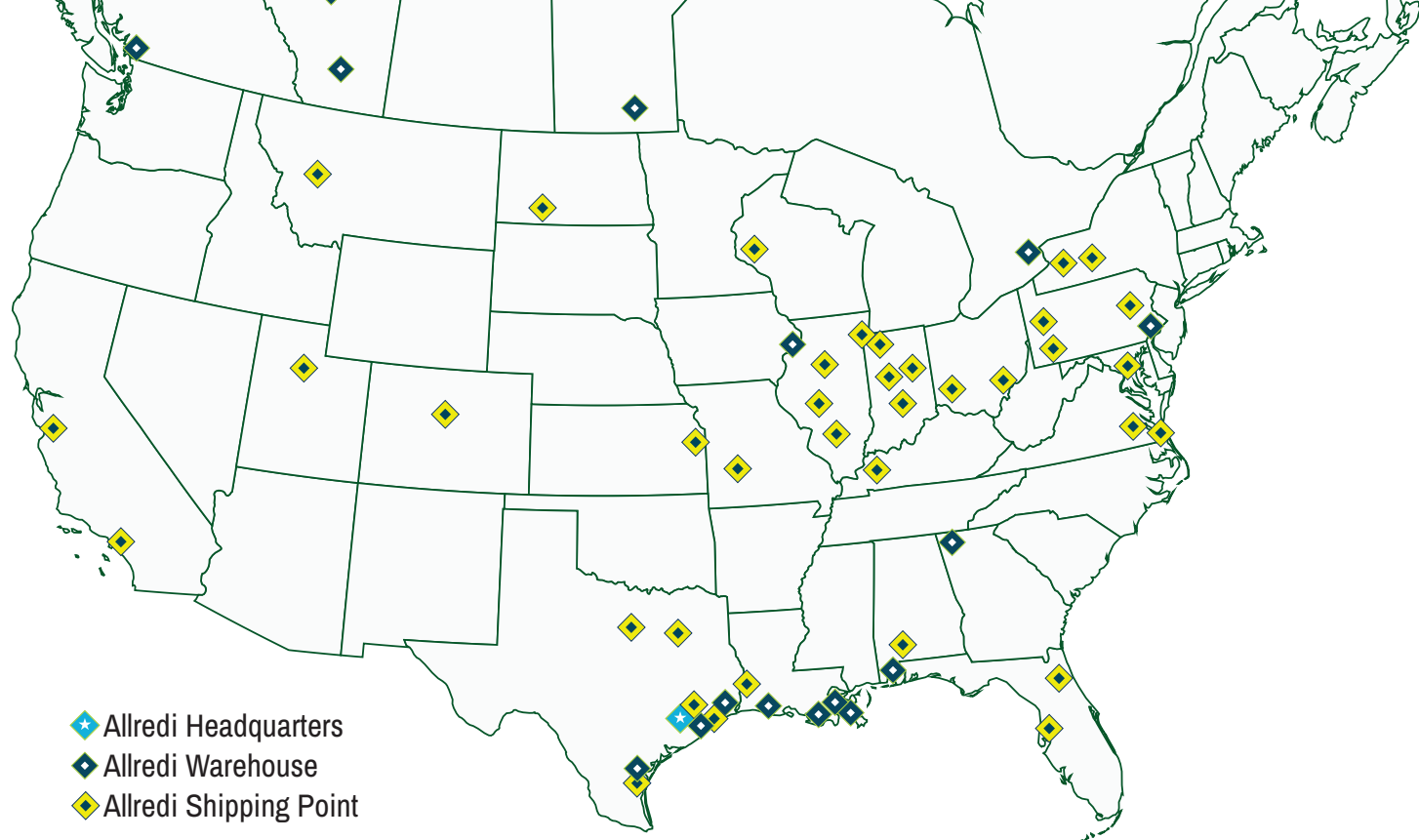
Part Numbers	MARCO® TUNGSTEN CARBIDE ALL POLY NOZZLES								
	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TCW550UN	5	5/16"	1-1/4"	50MM	5-3/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
10TCW650UN	6	3/8"	1-1/4"	50MM	6-3/4"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
10TCW750UN	7	7/16"	1-1/4"	50MM	8"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi
10TCW850UN	8	1/2"	1-1/4"	50MM	9"	Polyurethane	Polyurethane	Tungsten Carbide	Long Venturi



SILVER TIP NOZZLES

Part Numbers	SILVER TIP NOZZLES								
	Size	Orifice Size	Nozzle Entry	Thread Size	Overall Length	Jacket Material	Thread Material	Liner Material	Nozzle Type
10TCW750AN	7	7/16"	1-1/4"	50MM	8"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi
10TCW850AN	8	1/2"	1-1/4"	50MM	9"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi
10TCW1050AN	10	5/8"	1-1/4"	50MM	9"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi
10TCW1250AN	12	3/4"	1-1/4"	50MM	9"	Aluminum	Aluminum	Tungsten Carbide	Long Venturi





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