

# CRUSHPROOF® TUBING

## EXHAUST HOSES

Crushproof® Tubing Company has been leading the exhaust hose industry through innovative design and on-going development since 1949. We have the most complete and affordable line of exhaust service products available.

- Can be crushed by a vehicle and will return to original shape (non-wire versions).
- Use for temperatures up to 600°F with proper system in place.
- Best value. Costs far less than alternatives and easier to install.
- Our threaded adapters can be quickly screwed onto or into the tubing.
- Join hoses together without the need of a separate splice (FlareLok only)

### FLARELOK® HOSE

|               |                      |
|---------------|----------------------|
| <b>FLT200</b> | 2" ID X 11' LENGTH   |
| <b>FLT250</b> | 2.5" ID X 11' LENGTH |
| <b>FLT300</b> | 3" ID X 11' LENGTH   |
| <b>FLT400</b> | 4" ID X 11' LENGTH   |



**FLARELOK®**

### ACT HOSE

|                  |                       |
|------------------|-----------------------|
| <b>ACT400</b>    | 4" ID X 11' LENGTH    |
| <b>ACT400W11</b> | 4" ID X 11' WITH WIRE |
| <b>ACT500</b>    | 5" ID X 11' LENGTH    |
| <b>ACT500W11</b> | 5" ID X 11' WITH WIRE |
| <b>ACT600</b>    | 6" ID X 11' LENGTH    |
| <b>ACT600W11</b> | 6" ID X 11' WITH WIRE |



**ACT**  
(shown with wire)

\*add suffix W11 for 11' of wire or W30 for 30' of wire

### 20 FOOT OPTIONS

|              |                    |
|--------------|--------------------|
| <b>40-20</b> | 4" ID X 20' LENGTH |
| <b>50-20</b> | 5" ID X 20' LENGTH |

\*standard Crushproof accessories will fit this style if they screw inside the hose.



**ACT 20'**

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## M.O.D.O.R. HOSE

Crushproof®'s MODOR (Multipurpose Overhead Drop Or Reel) series hose combines the best of both worlds for overhead drop systems or reel applications. The first 20' is a lightweight, reinforced hose and the last 5' is our 100% rubber hose with an included adapter. This design lets our rubber blend take the brunt of the heat and prevents damage in the most commonly run-over section of an overhead hose.

Stock sizes are 4", 5", and 6" ID x 25' length, and Custom ID's and lengths are also available. MODOR hoses are rated to 570°F when used with a fan assisted system.

### MATERIALS

#### 20' Lightweight Section:

*Hose Wall:* unique high temperature film.

*External Helix:* 4" hose uses crush-resistant plastic helix. 5" & 6" hoses use galvanized steel with a plastic abrasion protection layer.

#### 5' Rubber Section:

Solid, crush-proof EPDM construction.



| Part No. | I.D. | Length | Bend Radius | Weight | Adapter | Negative (in. w.c.) |
|----------|------|--------|-------------|--------|---------|---------------------|
| MODOR-4  | 4"   | 25'    | 4.0"        | 25 lbs | F700    | 72                  |
| MODOR-5  | 5"   | 25'    | 3.0"        | 29 lbs | DSR600  | 20                  |
| MODOR-6  | 6"   | 25'    | 3.6"        | 33 lbs | DSR8600 | 14                  |

#### LIGHTWEIGHT HOSE



#### ADAPTER



#### RUBBER HOSE



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## LIGHTSCOPE 643

**Extends from 7' to 16'9" and is only 19 lbs!**

The LS643 is an out-of-the-box solution for your basic overhead system needs. It works on all gas vehicles because you can change out the stock RA300 adapter (included) for any of our other 3" threading adapters or for a Y assembly in dual exhaust applications. It comes fully assembled and installs in minutes to a 5" duct. Use a quality reducer adapter if you have a different size.

There are hooks on the adapter that allow it to be stored as each of the three lengths of hose collapse into each other. The hooks rest inside holes on the metal flange at the base of the 6" diameter section.

A) Duct connector designed for a 5" "T" or stub. Extend "T" or stub to increase length of unit.

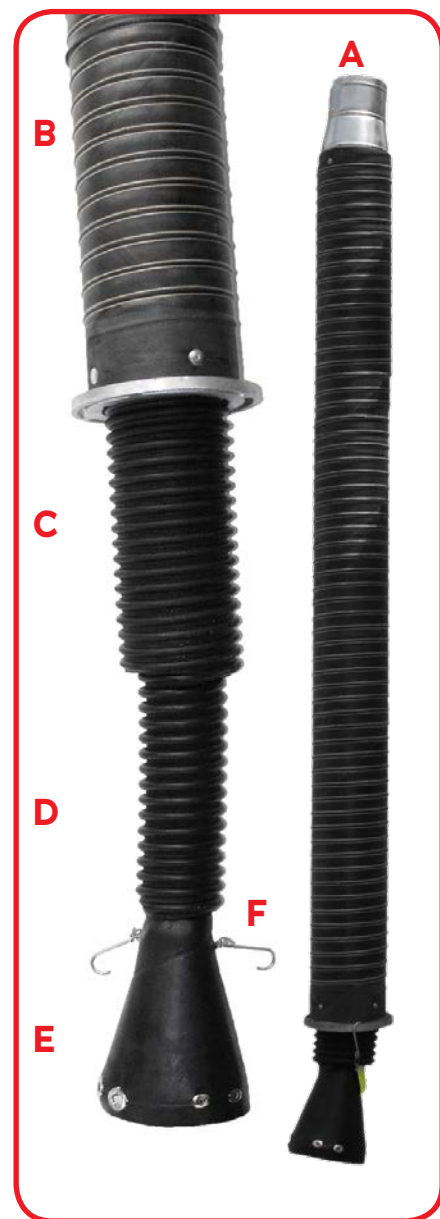
B) 6" I.D. X 5' 6" high-temp fabric and wire hose.

C) 4 1/2" I.D. x 5' 6" Crushproof® 600°F Garage Exhaust Hose.

D) 3" I.D. x 5' 6" Crushproof® 600°F Garage Exhaust Hose.

E) RA300 Universal Adapter. Comes with three locking snaps that allow unit to be shut off. Will not damage any vehicle and is 100% Crushproof®.

F) Hooks above RA300 hold unit up through holes in a metal ring at the base of the 6" section.



### LIGHTWEIGHT HOSE



### RA300 ADAPTER



### RUBBER HOSE



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## OVERHEAD HOSES

When a lighter weight or higher temperature hose is required in your application, choose one of our high-quality fabric and wire hoses. There are different options to fit any exhaust application from reels to rails to pulley systems. It is important to review these applications with us to make sure you get the right hose for the job. Not every hose will work in every application, and there are significant cost differences from hose to hose. Our goal is to help you find the best overall value. Here are some key features that our line offers:

- **ADAPTER OPTIONS**
- **FLAME RETARDANT**
- **650°F TO 2000°F**
- **HIGH TEMPERATURE**
- **CUSTOM LENGTHS**
- **CUSTOM COLORS**
- **REEL, RAIL, OR PULLEY**



Wire Hose Adapter (left) and Installed on hose with DSR600 (right).

We can combine the Crushproof® rubber hose with any of our sub-700°F rated hoses so that our full suite of adapters and fittings are available, while other fabric and wire hoses leave you stuck with one generic adapter and no Y option. We can even convert your current hoses to a Crushproof® system with our Wire Hose Adapter (shown above) which installs quickly and easily.



CF SUPER



HT850



CF



HT1200



MODOR

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# CRUSHPROOF® TUBING SPECIALTY HOSES

It is our mission at Crushproof® to provide a complete line of exhaust hose solutions for every situation, whether out-the-door, under-floor, or overhead and for every vehicle on the road. So in addition to our original rubber hoses and lightweight overhead hoses we also offer some specialty products that round out our line. If you have an application that seems to require something you can't find here or elsewhere in our line, please contact your distributor or us directly. We are always happy to develop new products and solutions.

## DYNO HOSE

Crushproof® Dyno hose is 4" x 11' long and is designed for use with dynamometers and in high performance applications where a crush-proof hose is desired. It will withstand exhaust temperatures of up to 700°F when used with a fan assisted system. There are two special adapters designed out of the same material; the *F475DYNO* and *F350DYNO*. Both adapters come with a hole in them for sensors or probes to be inserted during dyno testing. Also works well in many other applications.

**ACT400DYNO** 4" ID X 11' LENGTH  
**F350DYNO** ROUND 3.5" ADAPTER  
**F475DYNO** OVAL 3" X 6" ADAPTER



**ACT400DYNO**

## SUPERFLEX HOSE

Crushproof® SuperFlex hose has an accordion-like design that prevents kinking on tight bends and is great for overhead applications. Our standard adapters will not fit this hose well due to the tight convolution spacing.

**40-20SF** 4" ID X 12' LENGTH  
**50-20SF** 5" ID X 8' LENGTH



**SUPERFLEX**

## YA4475D

Crushproof® developed the Y4475D as an oversized adapter designed to fit twin tailpipe assemblies that are too large for a traditional adapter. This includes most 2008 and newer Ford® diesel models. It is NOT approved for regeneration cycles. We do have hoses for that purpose in our high-temp fabric and wire line.

**40-20** 4" ID X 20' LENGTH  
**50-20** 5" ID X 20' LENGTH



**YA4475D**

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## EXHAUST HOSE ADAPTERS

Adapters provide the right size and shape to make sure that your exhaust system is capturing all the fumes properly and improves hose life by ensuring better heat distribution. All adapters require a loose fit over the pipe, and a minimum of 1/2" gap of clearance is required for proper performance. A hook and chain is the standard connection method and the optional suction cup (shown right) works for flush-mounted setups and fits most adapters. Just add "SC" at the end of the adapter number.



### F700

7" round with snaps to make it smaller. Fits 3" and 4" hose. This is a must-have item for every garage.



### F1550

Our largest oval adapter is 3" x 15.5" wide. Works with pipes 2.5" x 15" or smaller. Fits 3" and 4" hose.



### F675

3" x 11" oval adapter for extra wide setups. Will work with pipes 2.5" x 10.5" or smaller. Fits 3" and 4" hose.



### F575

Oval adapter for wide or twin pipes. Roughly 3" x 8" wide. Will work for pipes 2.5" x 7.5" or smaller. Fits 3" and 4" hose.



### Wire Hose Adapter

Adapt a fabric and wire hose into a Crushproof® one! Tapered end clamps to your hose so you can use our adapters and fittings.



### F475

Oval adapter for wide or twin pipes. Roughly 3" x 6" wide. Will work for pipes 2.5" x 5.5" or smaller. Fits 3" and 4" hose.



### F450 / F400 / F350 / F300 / F250

Round adapters work with straight pipes that are at least 1/2" smaller in diameter than the adapter opening. Part numbers designate true ID, so F450 is 4.5" while F300 is 3.0". Hose fit guide: **FLT200:** F250. **FLT250:** F250, F300. **FLT300:** F250, F300, F350. **FLT400:** F350, F400, F450



### RA300 & RA250

5" bell adapter with snaps for an adjustable fit on a wide variety of pipes. RA300 fits 2" & 3" hose. RA250 fits 3.5" and 2.5" hose.

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## WIRE HOSE ADAPTERS (WHA)

Do you already have a complete shop outfitted with wire reinforced hose?  
Are you having trouble finding the proper tailpipe adapters or "Y" kits to fit your existing hose?

The Crushproof Wire Hose Adapter (WHA) series will solve all your issues. Each WHA adapter has two feet of crushproof hose with a slightly tapered cuff that will clamp onto your existing hose. This will allow you to implement the entire Crushproof line of garage exhaust hose accessories.

- **Oval tailpipe adapters up to 15.5" wide.**
- **Patented suction cup adapters for flush mount tail pipes.**
- **Dual exhaust "Y" kits for the 3" and 4" size.**
- **Diesel stack adapters up to 12" ID.**

The possibilities are endless. It is time you take advantage of the broadest line of garage exhaust hose accessories in the industry!



**WHA-4 with YA400**

### WIRE HOSE ADAPTERS

**WHA-3:** 3" ID WIRE HOSE ADAPTER & CLAMP

**WHA-4:** 4" ID WIRE HOSE ADAPTER & CLAMP

**WHA-5:** 5" ID WIRE HOSE ADAPTER & CLAMP

**WHA-6:** 6" ID WIRE HOSE ADAPTER & CLAMP



**WHA-4 with DSR600**



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## Y-KITS & DEALERSHIP KITS

Crushproof® supports today's ever changing and wide variety of tailpipe configurations better than anyone. Our full suite of adapters and Y setups allows you to service vehicles with wide pipes, dual exhaust, and everything in-between. Below you will find our standard Y and dealership kits that offer a discount off the component prices, but you can always create your own by getting a Y adapter and cutting an extra hose in half.

### Y-ASSEMBLIES

Designed to convert a single exhaust hose into a dual kit for servicing many of today's most popular cars and trucks. These come at a savings versus buying everything separately. The table below shows the hose diameter (4' lengths) and what pair of adapters comes with it, along with the Y itself.



YA675 (left) & YA575 (right)

|                  | YA250 | YA300 | YA400 | YA575 | YA3675 | YA3675-SC |
|------------------|-------|-------|-------|-------|--------|-----------|
| <b>HOSE I.D.</b> | 2.5"  | 3"    | 4"    | 3"    | 3"     | 3"        |
| <b>Y FITTING</b> | RY25  | RY30  | AY40  | RY30  | RY30   | RY30      |
| <b>ADAPTERS</b>  | F250  | F300  | F350  | F575  | F675   | F675-SC   |

### DEALERSHIP & SERVICE KITS

Exhaust kit in a box with a savings over buying the parts separately. All kits include (1) six foot and (2) four foot lengths of hose, Y connector, splice connector, and (2) adapters.



|                  | DSS25 | DSS30 | DSS40 | DSS675-SC |
|------------------|-------|-------|-------|-----------|
| <b>HOSE I.D.</b> | 2.5"  | 3"    | 4"    | 3"        |
| <b>Y FITTING</b> | RY25  | RY30  | AY40  | RY30      |
| <b>SPLICE</b>    | SP25  | SP30  | SP40  | SP30      |
| <b>ADAPTERS</b>  | F250  | F300  | F400  | F675-SC   |

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## EXHAUST HOSE FITTINGS

### DOOR PORTS

Port diameter is greater than ID shown to fit hose OD. (EX: ADF40 requires a 5.5" hole.)

|       |                       |
|-------|-----------------------|
| DF25  | 2.5" ID HOSE (rubber) |
| ADF30 | 3" ID HOSE (aluminum) |
| ADF40 | 4" ID HOSE (aluminum) |

\*Designed for 1" thick doors.



**DOOR PORT**

### Y CONNECTORS

For use with dual exhaust vehicles.

|      |                       |
|------|-----------------------|
| RY20 | 2" ID HOSE (rubber)   |
| RY25 | 2.5" ID HOSE (rubber) |
| RY30 | 3" ID HOSE (rubber)   |
| AY40 | 4" ID HOSE (aluminum) |

\*Used for vehicles with dual exhaust. "Y" kits are available as well.



**Y-CONNECTOR**

### SPLICE CONNECTORS

Rubber splices are crush-proof.

|           |             |
|-----------|-------------|
| AC30 (3") | SP25 (2.5") |
| AC40 (4") | SP30 (3")   |
| AC50 (5") | SP40 (4")   |
| AC60 (6") |             |

\*AC is the aluminum version and SP the rubber version.



**SPLICE**

### ALUMINUM ELBOWS

Eyelet allows for use with rope when splicing two lengths in overhead pulley systems.

|              |            |
|--------------|------------|
| AEL25 (2.5") | AEL50 (5") |
| AEL30 (3")   | AEL60 (6") |
| AEL40 (4")   |            |



**ELBOW**

### OVERHEAD CONNECTORS

Connects Crushproof® hoses to a "T" in an overhead duct system.

|        |                      |
|--------|----------------------|
| OC30   | 3" ID HOSE/DUCT      |
| OC40   | 4" ID HOSE/DUCT      |
| OC50   | 5" ID HOSE/DUCT      |
| OC50-D | 5" VERSION W/ DAMPER |



**OVERHEAD**

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