

# EXTENDO-DUCT™ SERIES AIR DUCTING HOSE

## CHEMICAL RESISTANCE GUIDE Applies to TIGERDUCT™ Extendo-Duct™ Series Only

**Rating Code** (All ratings apply to concentrated or saturated solutions unless otherwise specified)

A — Good Service Life

B — Fair or Limited Service

X — Unsatisfactory Service

(\*) — Denotes Saturated Solution

Not recommended

**WARNING:** This Chemical Resistance Guide is intended to be used as general guidance only. No warranty is expressed or implied, as applications and/or temperatures may vary widely, and the use of multi-purpose mixtures may introduce uncontrollable factors relating to chemical resistance. Applications operating above the stated temperature listed below may require further studies and testing by the end user to determine suitability. **NOT FOR LIQUID HANDLING USE.**

| Chemical                 |   | Chemical             |   | Chemical                |   | Chemical               |   |
|--------------------------|---|----------------------|---|-------------------------|---|------------------------|---|
| Acetaldehyde             | B | Chromic Acid         | X | Hydrochloric Acid (37%) | A | Sodium Hydroxide (20%) | A |
| Acetic Acid (30%)        | A | Chlorine             | X | Hydrogen Fluoride (48%) | B | Sodium Hydroxide (50%) | A |
| Acetone                  | A | Chloroform           | X | Iron Chloride (*)       | A | Sodium Hypochlorite    | A |
| Aluminum Chloride (*)    | A | Chlorosulfonic Acid  | X | Isopropyl Ether         | X | Sodium Phosphate (*)   | A |
| Aluminum Sulfate (*)     | A | Citric Acid          | A | Linseed Oil             | B | Soybean Oil            | X |
| Ammonia                  | A | Copper Chloride (*)  | A | Magnesium Chloride (*)  | A | Stearic Acid           | B |
| Ammonium Chloride (*)    | A | Copper Sulfate (*)   | A | Magnesium Hydroxide (*) | A | Styrene                | X |
| Ammonium Sulfate (*)     | A | Cottonseed Oil       | B | Methanol                | A | Sulfuric Acid (50%)    | A |
| Amyl Acetate             | A | Cyclohexane          | X | Methyl-ethyl-ketone     | B | Sulfurous Acid         | X |
| Amyl Alcohol             | A | Di-n-Octyl Phthalate | B | Methylene Chloride      | B | Tannic Acid (10%)      | A |
| Aniline                  | A | Epichlorohydrin      | B | Napthalene              | X | Tartaric Acid (*)      | B |
| Barium Hydroxide (*)     | A | Ethanol              | A | N-Hexane                | X | Tetrahydrofuran        | X |
| Benzaldehyde             | X | Ethyl Acetate        | B | Nitric Acid (10%)       | B | Thinner                | X |
| Benzene                  | X | Ethyl Chloride       | B | Nitrobenzene            | A | Tin Chloride           | B |
| Benzoyl Chloride         | X | Ethyl Ether          | X | Oleic Acid              | B | Toluene                | X |
| Boric Acid (*)           | A | Ethylene Dichloride  | B | Perchloroethylene       | X | Tributyl Phosphate     | X |
| Bromine                  | X | Ethylene Glycol      | A | Phenol                  | B | Trichloroethylene      | X |
| Butraldehyde             | B | Formaldehyde (40%)   | A | Phosphoric Acid (20%)   | A | Triethylamine          | A |
| Butyric Acid             | A | Formic Acid          | A | Picric Acid             | B | Turpentine Oil         | X |
| Calcium Chloride         | A | Freon                | X | Prussic Acid            | A | Xylene                 | X |
| Calcium Hydroxide (*)    | A | Furfural             | X | Pyridine                | B | Zinc Chloride (*)      | A |
| Calcium Hypochlorite (*) | A | Glacial Acetic Acid  | B | Silicone Oil            | A |                        |   |
| Carbon Tetrachloride     | X | Glycerine            | A | Sodium Dichromate (20%) | A |                        |   |