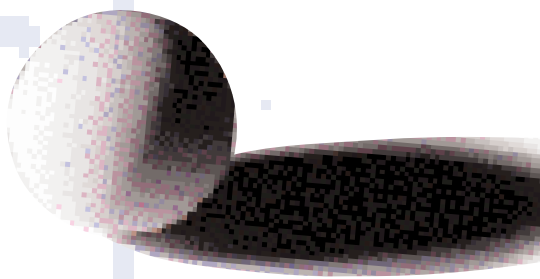


**CHRISTY** PROX-SVERS® CATALYST SUPPORT MEDIA

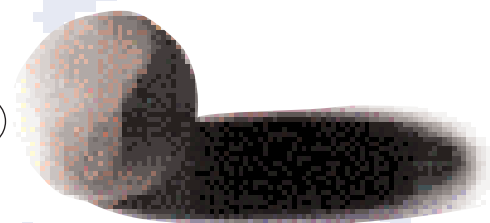
# Engineered To Be The Best

FROM CHRISTY...  
A WORLD LEADER  
IN CATALYST  
SUPPORT MEDIA

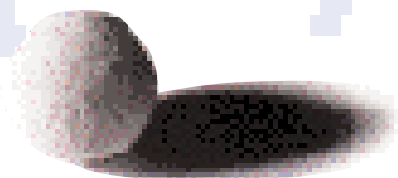
T-46



T-38



T-22



No catalyst support media is perfect, but PROX-SVERS® are engineered to be the best media available for use in catalyst, desiccant and adsorbent beds. Here's why.



T-38, T-22 AND T-46 ARE AVAILABLE IN STANDARD SIZES RANGING FROM 1/8" TO 3" IN DIAMETER.

## PROX-SVERS® ARE:

### 1 ENGINEERED TO PERFORM BETTER UNDER DEMANDING CONDITIONS

PROX-SVERS® catalyst support media are engineered to perform better under the most demanding conditions. This can help reduce the chance of a catastrophic failure – which disrupts production and costs you time and money! Why take a chance with something less than the best?

### 2 AVAILABLE IN BOTH VITRIFIED AND NON-VITRIFIED PRODUCTS

Our premium vitrified T-38 balls:

- have the best strength and impact resistance in the industry!
- feature very low permeability and outstanding abrasion resistance, and
- have a higher alumina content that allows them to operate at higher maximum temperatures than the competition.

Our chemically-bonded, non-vitrified T-22 and T-46 catalyst support balls:

- are virtually thermal and pressure shock resistant,\*
- are a rugged support media designed to resist movement in the support bed and require fewer layers than competitive products,
- work as “trash collectors” to remove particulate and impurities due to their engineered pore structure, and
- actually increase in strength as the temperature increases!

**T-46 high alumina, low-silica balls, are the industry standard for secondary ammonia reformers!**

### 3 AVAILABLE IN THE RIGHT SIZE FOR YOUR APPLICATION

We produce balls in standard sizes ranging from 1/8" to 3" in diameter. But if you have a special size requirement, we can make that, too! Just let us know what size you need for your application.

### 4 PACKAGED RIGHT FOR EASY HANDLING, STACKING AND DISPOSAL

PROX-SVERS® are packaged in one cubic foot bags that are easy to handle and can be stacked 35 to 40 per pallet, and three or more pallets high. And since our bags are lighter and much more compact after use than our competitors' boxes, they are easier to dispose of – which can save you money!

PROX-SVERS® can also be purchased in Super Packs, 55 gallon drums, one cubic foot boxes and fiber drums.

\* When independently tested in an 850° F hydrogen atmosphere, PROX-SVERS® T-22 and T-46 support balls showed no signs of breakage after being depressurized from 1500 psi in less than one second.

**5 SHIPPED ON SHORT NOTICE –  
OVERNIGHT, WEEKENDS AND HOLIDAYS**

Christy maintains high inventory levels on standard items so we can QuickShip on short notice 24 hours a day, 7 days a week, all year long. And if you have special needs, just let us know ahead of time – we'll make sure we have what you need when you need it. We know how costly production downtime can be.

Need to ship overseas? Not a problem. Christy does it all the time, and is familiar with all the requirements for international packing and shipping – including proper documentation.

**6 SUPPORTED BY CERAMIC ENGINEERS**

We support our product with ceramic engineers who specialize in catalyst support media, and can answer nearly any question you might have about our product. If not, they'll find the right answer.

**PLUS, CHRISTY IS  
WILLING AND ABLE TO  
"CUSTOM ENGINEER"**

**A SUPPORT MEDIA THAT MEETS YOUR MOST  
DEMANDING CHEMICAL AND PHYSICAL PROPERTY  
SPECIFICATIONS!**

Unlike our competition, Christy specializes in custom product design and private label manufacturing. If our standard products don't meet your needs, Christy will work with your company to develop and deliver the kind of products which meet your specific application requirements.

Our engineers and ceramic materials experts can "custom engineer" products that deliver the unique physical and chemical properties your process requires.

Christy also has the ability to produce products using several different techniques to deliver the one that's right for your needs.



**PROX-SVERS® CAN  
BE QUICKSHIPPED  
ON SHORT NOTICE  
IN ONE CUBIC FOOT  
BAGS, SUPERPACKS  
AND 55 GALLON  
DRUMS.**



# PROX-SVERS® Are Made By A Leader In The Business

Christy Refractories Company has been in business since 1922, and since 1952, we have been making PROX-SVERS® for use in ammonia, petroleum, petrochemical, sulfur and gas processing. Today, we are one of the largest manufacturers of inert catalyst support media in the world.

Christy is not just another large conglomerate which is in the catalyst support media business today, but gone tomorrow. Christy is a privately held company which is owned and run by engineers who are dedicated to producing the finest catalyst support media today. You can count on us to be there when you need us the most.

Christy is ISO Certified 9001. The quality we sell is the quality we ship.



For more information about PROX-SVERS® catalyst support media, or how we can custom engineer a product that is right for you, contact us at one of the locations listed below.

## **CHRISTY REFRACTORIES COMPANY**

4641 McRee Avenue  
St. Louis, MO 63110

Tel: 314-773-7500  
Fax: 314-773-8371  
e-mail: [info@christyco.com](mailto:info@christyco.com)  
[www.christyco.com](http://www.christyco.com)

The logo for Christy Refractories, featuring the word 'CHRISTY' in a stylized font inside an oval, with 'REFRACTORIES' written in a larger, bold font below it.

# Mission

**OUR MISSION** IS TO CONTINUOUSLY IMPROVE OUR POSITION AS A CUSTOMER DRIVEN PRODUCER, SUPPLIER AND INSTALLER OF INDUSTRIAL CERAMIC PRODUCTS. THIS MISSION MUST BE CONDUCTED ALWAYS IN A MANNER THAT WILL BE PLEASING IN THE EYE OF GOD.

# Values

**CONDUCT OURSELVES ETHICALLY** OUR CONDUCT WILL BE GUIDED BY THE TEN COMMANDMENTS, THE SERMON ON THE MOUNT AND THE GOLDEN RULE.

**IMPORTANCE OF CUSTOMERS** SINCE OUR CUSTOMERS PROVIDE FOR OUR VERY EXISTENCE AS A COMMERCIAL ENTITY, WE WILL ALWAYS TREAT THEM ACCORDINGLY. OUR FELLOW EMPLOYEES AND THE DEPARTMENTS ARE OUR INTERNAL CUSTOMERS. WE WILL PROVIDE THE SAME LEVEL OF SUPPORT AND SERVICE TO OUR INTERNAL CUSTOMERS THAT WE DO TO OUR EXTERNAL CUSTOMERS.

**IMPORTANCE OF LISTENING** WE WILL PAY ATTENTION TO, AND INCLUDE IN OUR OPERATIONS, THE THOUGHTS, CONCERNS AND IDEAS OF OUR CUSTOMERS, SUPPLIERS AND EMPLOYEES.

**CONFRONT WITH IMPUNITY** NO ONE WORKING AT CHRISTY WILL BE PENALIZED IN ANY WAY FOR THE CONSTRUCTIVE, OPEN AND HONEST EXPRESSION OF HIS OR HER OPINION. WE BELIEVE THAT DOING THE JOB CORRECTLY INCLUDES THE CONSIDERATION OF ALL OPINIONS. AT CHRISTY EXPRESSION OF OPINION IS NOT ONLY A RIGHT, BUT A DUTY.

**DECIDE WITH IMPUNITY** NO ONE WORKING AT CHRISTY WILL BE PENALIZED IN ANY WAY FOR TAKING WELL INTENDED ACTIONS IN THOSE CIRCUMSTANCES THAT DO NOT ALLOW FOR THE NORMAL DIRECTION OF A SUPERVISOR OR MANAGER. WHENEVER POSSIBLE WE WILL FOLLOW THE "CHAIN OF COMMAND."

**RESULTS ORIENTED** ALL OF OUR RESOURCES WILL BE DIRECTED TOWARDS ACCOMPLISHING OUR MISSION IN HARMONY WITH OUR VALUES. OUR OBJECTIVES WILL BE TO ELIMINATE ANY USE OF OUR RESOURCES THAT CONFLICTS WITH OUR STATED MISSION.





## PROX-SVERS® CATALYST SUPPORT MEDIA

### CHRISTY REFRATORIES COMPANY

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[www.christyco.com](http://www.christyco.com)

ISO 9001 Certified Company



**SALES OFFICE**