

# G S Sales Factoid

G S Sales



Growing the Plastics Market Through Education



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## Röchling offers the industry's widest range of UHMW. Grades of Polystone M (UHMW).

### Let Us Help You Select The Right Grade of UHMW for the Application !

In 1987 Röchling bought Impact Plastics North America's first UHMW sheet manufacturer. They started producing UHMW sheet and extrusions in 1958, long before any other UHMW producer in North America. Together with experience & technology at our European manufacturing facilities Röchling offers the most complete line of UHMW sheet & rod products. We have the best formulations available to fit your application. I will itemize a number of the our grades of UHMW materials:

**Polystone® M:** Virgin UHMW

**Polystone® M: Colors:** Colored UHMW low minimums

**Polystone® M Reprocessed:** Reprocessed UHMW standard solid colors green or black or marble on request.

**Polystone® M MDT:** Metal Detectable UHM (Blue)

**Polystone® M XDT:** X-ray Detectable UHMW Blue

**Polystone® X-L:** Specialty X-Linked UHMW for wear and release. (standard color is grey, others on request.)

**Polystone® MPG:** This specialty grade of UHMW is X-Linked and glass filled for added wear (standard colors blue & also available in other colors). *The country's first X-linked glass filled UHMW. The original and still the best !*

**Polystone® Matrox™ :** is a new formulation of Polystone that has been developed for the bulk material handling and mining marketplaces. This product exhibits very low coefficient of friction with exceptional wear resistance. Polystone Matrox is weldable.

**Polystone® Extreme:** This specialty formulated UHMW is ideal for increased wear with extremely low coefficient of friction and is UV Resistant.

**Polystone® M-Slide:** This specialty grade of UHMW fillers for extra low friction to make it ideal for conveying applications

**Polystone® M Anti-Static:** we produce static dissipative UHMW to your specifications of conductivity. (Standard color black.) This is also available in a FDA compliant grade.

**Polystone® M Rubberbacked:** REP can put .060 rubber on the back of any grade of UHMW sheet. This is to add to the UHMW's impact resistance and to allow for bonding UHMW to a substrate.

**Polystone® M Asphalt Liner (Heat Stabilized EHS):** This UHMW sheet is designed to withstand intermittent temperatures up to 350°F. It is gray in color

**Polystone® M Heat Stabilized (EHS):** This sheet is designed for increased operating temperatures. It can operate continuously at 226°F and performs well when exposed in temperatures up to 350°F. This product was designed for applications such as bakery equipment and asphalt handling. This is a FDA compliant material. This is a cream white color.

**Polystone® M Steel-Filled:** This filled UHMW is designed to give you exceptional stiffness, wear and a specific gravity 1.2 to 1.40.

**Polystone® M Oil-Filled:** We produce this sheet with Food Grade fillers, so it is compliant with FDA requirements.

**Polystone® M Silicone Filled:** A superior sheet for coefficient of friction and extremely good wear resistance.

**Polystone® Flame Retardant:** This material is MSHA approved for underground mining applications.

**Polystone® M UV Stabilized:** REP produces UV stabilized sheet ideal for outdoor applications.

**Polystone® Safety Board:** This UHMW is designed with a special treatment allow a rough surface to walk on one side.

**Custom Polystone®:** Röchling runs a large amount of custom formulations to meet the needs of specific customer applications. If you do not see it listed please ask as I am sure I missed some items.

Visit Röchling's Website at [www.roechling-plastics.us](http://www.roechling-plastics.us)  
Or call for additional information at 704-922-7814

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Röchling Cross Reference Chart to Quadrant Materials  
 Developed by G S Sales at the request of our customers.



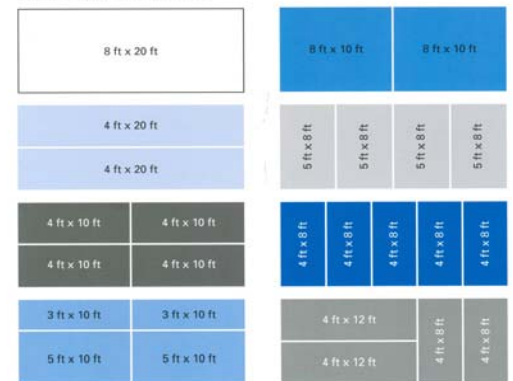
Quadrant Products	Röchling Products
Tivar® 1000	Polystone® M-Virgin
Tivar® Uniblend	Polystone® M-Reprocessed
Tivar® Marble	Polystone® M- Reprocessed
Tivar® 88	Polystone® Matrox
Tivar® 88-2	Polystone® Matrox
Tivar® Antistatic	Polystone® M Black Anti-Static
Tivar® Ceram P	Polystone® MPG
Tivar® Dock Guard	Polystone® M Reprocessed
Tivar® Dry Slide	Polystone® M-Slide
Tivar® DS	Polystone® M Extreme & XL
Tivar® H.O.T. Good to 275°F	Polystone® M Heat Stabilized (EHS ) Good to 325°F
Tivar® Oil Filled	Polystone® M Oil Filled
Tivar® Polysteel	Polystone® M Steel Filled
Tivar® Super Plus	Polystone® Matrox
Tivar® UV Resistant	Polystone® M UV Stabilized
Tivar® Rubberbacked	Polystone® M Rubberbacked
Quicksilver® On Road	Polystone M® Grey EHS
Quick Silver® Off Road	Polystone® Matrox
Duropro®	Polystone® M Reprocessed
LTD® Liner	Polystone® G
Sanalite®	Polystone Cut Rite®
HDPE	Polystone G
Proteus® Family of Products	Polystone P Family of Products

*This cross reference chart is completed to the best of our beliefs. All manufacturers produce products slightly different to their own particular formulations. We believe these cross references will give you satisfactory performance results. This however can not be guaranteed and we encourage you to do side by side testing.*

### Röchling Key Contacts Direct Dial Numbers:

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Joe Aleszczyk	Bus. Dev.	484-788-9665
Paul Krawczyk	Vice President of Sales	704-884-3500
Tim Brown	VP of Marketing and Business Development	704-884-3510

Efficient ways to use our MegaSheet™



The MegaSheet can offer up to an incredible 40% yield advantage



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