



# RE-GEN™ Filter Media

MYCELX Bulk Media

## Specifications

Color:  
Characteristic  
Reddish Color

Base Substrate:  
99.1% Silica

Granular Mesh:  
12 x 40

Packing Density:  
75 lbs/cu ft

Stability:  
Stable down  
to acid pH2;  
temperatures up  
to 400°C

Max Operating  
Temperature:  
250°F (121°C)

Delta P (ΔP):  
1 - 2 psi

Operating pH  
Range:  
3 - 10

# MYCELX RE-GEN™

Advanced Polisher Pretreat Media



## RE-GEN PART NUMBER

MYCELX  
RE-GEN  
Type



Size



A-1  
(55 lb/25 kg)

A-40  
(2200 lb/1 MT)

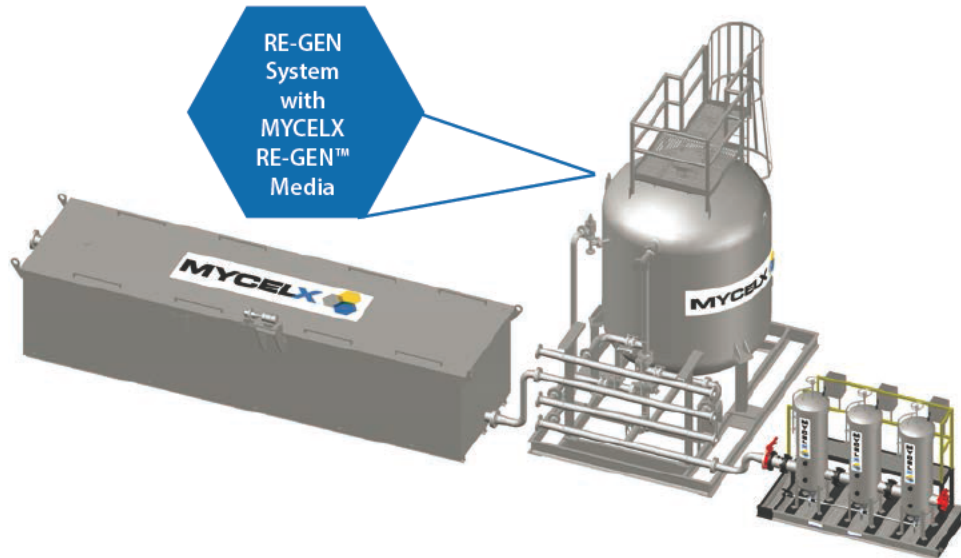
Part Number Example:  
RE-GENA-1 (55 lb Bag of RE-GEN Media)  
RE-GENA-40 (2,200 lb super sack of RE-GEN Media)

# RE-GEN™ Filter Media

MYCELX Bulk Media



Comparison to ALTERNATIVE Technology	MYCELX RE-GEN™ Filtration Media	Nut Shell Water Filtration Media
Mechanism of oil removal	Oleophilic	Slightly oleophilic when wetted
Efficiency to remove oil and solids at > 5 microns	99%	< 75% with chemical flocculation
Efficiency to remove oil and solids at > 25 microns	99.9%	99%
Max influent concentration to sustain high efficiency	1000 ppm	200 ppm



RE-GEN System with MYCELX RE-GEN™ Media



## Key Benefits

- High efficiency on finely dispersed oils and suspended solids from water.
- Regenerable for extended periods of operation.
- Able to handle high influent loading of 1000 ppm.
- Higher capacity and efficiency than sand filter or nut shell water filter media.
- Pre-treatment to fail-safe tertiary polisher treatment.
- Media is designed to last between 12 and 24 months, depending upon contaminant loading.