

# Advanced Wear Resistance Technology

*Engineered for Tire Recycling*



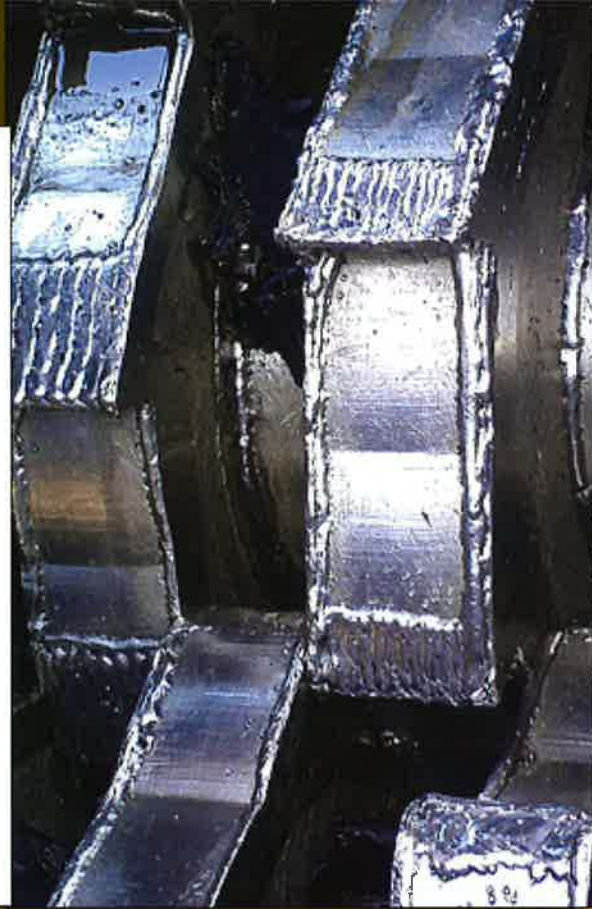
 **HARDFACE**  
TECHNOLOGIES  
by POSTLE INDUSTRIES

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



## POSTLE INDUSTRIES

- ✦ OVER 40 YEARS OF EXPERIENCE IN THE MANUFACTURE OF HARDFACING CONSUMABLES
- ✦ CONSUMABLES DEVELOPED SPECIFICALLY FOR TIRE SHREDDING KNIVES
- ✦ CAN CUSTOMIZE PRODUCTS TO FIT YOUR NEEDS
- ✦ TECHNICAL EXPERTISE IN WELDING PROCEDURES AND APPLICATIONS
- ✦ ABLE TO PROVIDE TRAINING



## PRODUCT FEATURES

- ✦ EXCELLENT OPERATOR APPEAL
- ✦ LOW SPATTER
- ✦ EASY FEEDABILITY
- ✦ SUPERIOR EDGE RETENTION
- ✦ SLAG FREE
- ✦ ABRASION AND IMPACT RESISTANT



## POSTALLOY 2898 – SPL

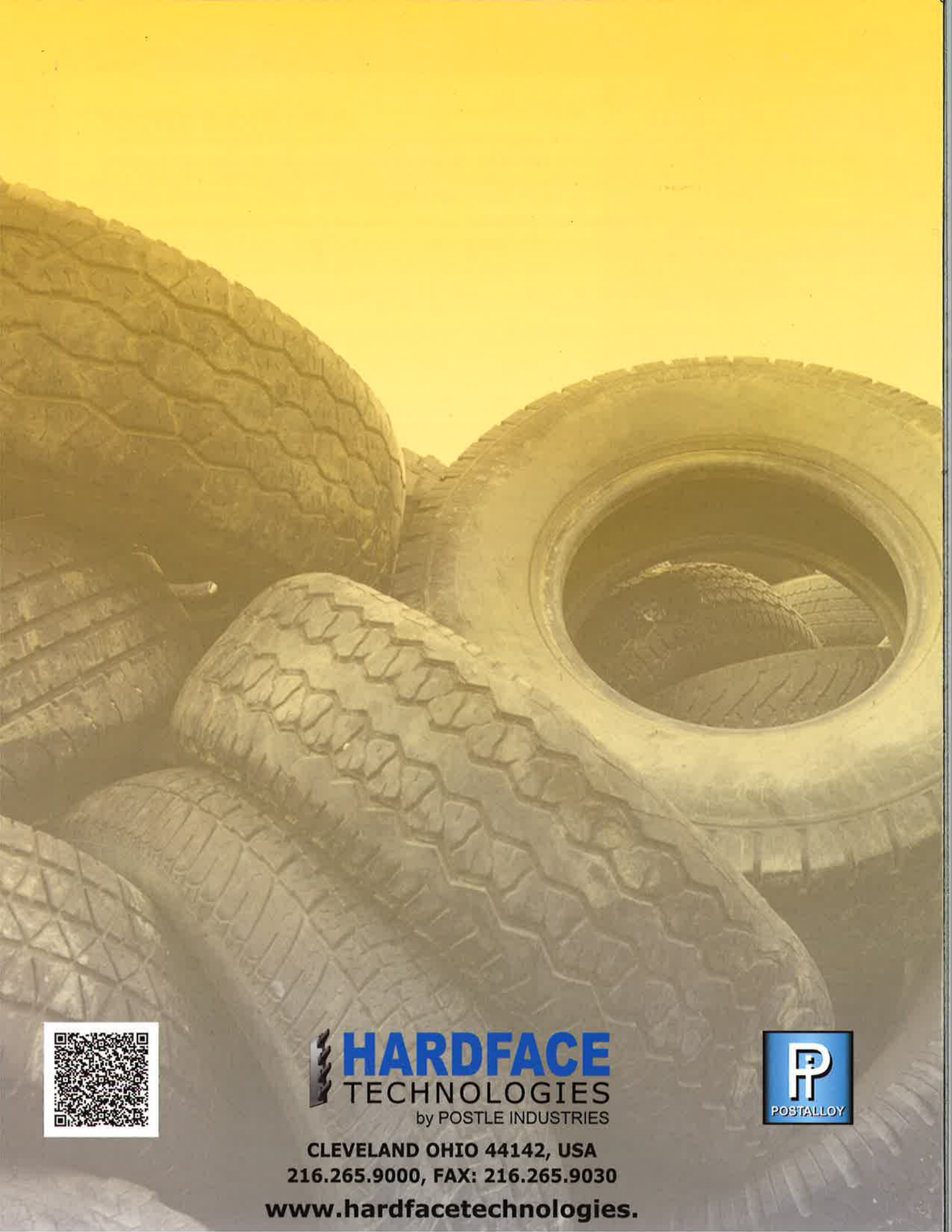
Short-Arc	Spray-Arc	A general purpose self-hardening overlay wire with a balanced resistance to abrasion and impact. Has good metal-to-metal wear resistance and is resistant to chipping and spalling. Deposits will retain their hardness and maintain a good cutting edge up to 1100°F (595°C). For maximum impact resistance and to avoid cracking in multi-layer deposits, a preheat of 550°F (288°C) is recommended. For repeated multi-layer deposits, a preheat of 650°F (343°C) is recommended.
.045" (1.2mm)		
17-19 Volts Argon/CO2 30-35 CFH 1/2" Stickout	26-29 Volts Argon/Oxygen 40-45 CFH 5/8" Stickout	
1/16" (1.6mm)		
19-21 Volts Argon/CO2 30-35 CFH 3/4" Stickout	28-30 Volts Argon/Oxygen 40-45 CFH 3/4" Stickout	Hardness                      56 – 60 Rc Non-Machinable              Must be ground Maximum Overlay              Unlimited with proper procedure
25 Lb. Spools, 110 Lb. Drums, 220 Lb. Drums		

## POSTALLOY SUPER-EDGE

Short-Arc	Spray-Arc	An abrasion resistant, high speed tool steel designed for applications where edge retention is a primary concern. Weld deposits are martensitic with micro-carbides evenly dispersed throughout the deposit. These properties create a fracture resistant cutting edge even under high compressive loads. It's alloyed with molybdenum and tungsten for superior high temperature hot hardness. This property helps maintain a sharp edge under localized high heat conditions created by extreme friction. Please contact Postle Industries for proper procedures.
.045" (1.2mm)		
17-19 Volts Argon/CO2 30-35 CFH 1/2" Stickout	26-29 Volts Argon/Oxygen 40-45 CFH 5/8" Stickout	
1/16" (1.6mm)		
19-21 Volts Argon/CO2 30-35 CFH 3/4" Stickout	28-30 Volts Argon/Oxygen 40-45 CFH 3/4" Stickout	Hardness                      60 – 65 Rc Non-Machinable              Must be ground Maximum Overlay              2 – 3 Layers
25 Lb. Spools, 110 Lb. Drums, 220 Lb. Drums		

## POSTALLOY ULTRA-SHRED 580

Short-Arc	Spray-Arc	The ultimate hardfacing wire for tire shredding knives. A martensitic tool steel type alloy with numerous tightly packed carbides for excellent abrasion resistance under high impact. One-layer deposits exhibit wear characteristics that would be expected from a chromium carbide hardfacing product. The alloy properties create a resistant cutting edge even under high heat conditions created by extreme friction.
.045" (1.2mm)		
17-19 Volts Argon/CO2 30-35 CFH 1/2" Stickout	26-29 Volts Argon/Oxygen 40-45 CFH 5/8" Stickout	
1/16" (1.6mm)		
19-21 Volts Argon/CO2 30-35 CFH 3/4" Stickout	28-30 Volts Argon/Oxygen 40-45 CFH 3/4" Stickout	Hardness                      55 – 58 Rc Non-Machinable              Must be ground Maximum Overlay              Unlimited with proper procedure
25 Lb. Spools, 110 Lb. Drums, 220 Lb. Drums		



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