

# NEXMET®

**440EX / 490EX**



**Side Panel**  
**Roof Panel**  
**Hood**  
**Exposed Surface Applications**

Combining high tensile strength, excellent press-formability, and first-rate surface quality, Cleveland-Cliffs' **NEXMET® 440EX / 490EX** bake hardenable steel is a member of the lightweight steel family. Enabling automotive customers to realize improvements to dent resistance, as well as opportunities in weight savings, NEXMET 440EX / 490EX represents the next generation of high performance material for exposed surface applications.

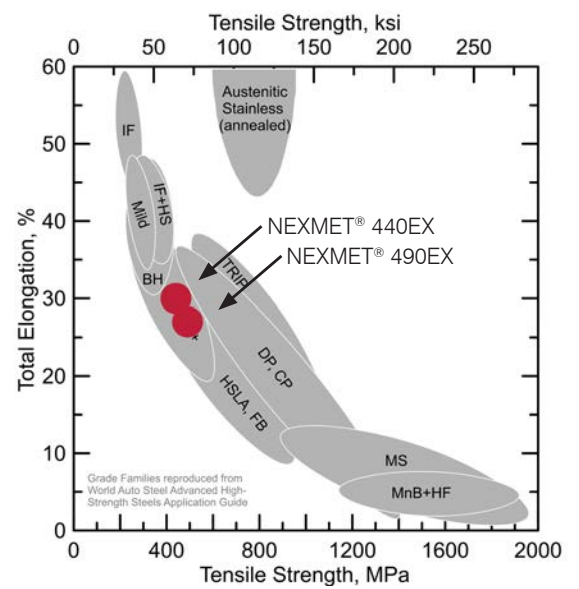
# NEXMET® 440EX / 490EX

## PRODUCT COMPARISON

	BH180	BH210	BH240	BH270	BH300	440EX	490EX
Yield Strength (MPa), avg.	180	210	240	270	300	300	300
Tensile Strength (MPa), avg.	300	320	340	360	390	440	490
Tensile Elongation, (%), avg.	35	33	30	28	26	30	25
Bake Hard Index (MPa), min.	30	30	30	30	30	45	40

### ADVANTAGES

- Low carbon base composition
- Significant mass savings potential
- Improved dent resistance
- High strength and formability
- Surface-critical application
- High total elongation
- Superior surface and coating quality
- Bake Hardenable
- Galvannealed (GA)
- Galvanized (GI)



## SIZES

Gauge (mm)	Maximum Width (mm)
0.50 – 1.40	1250 – 1830

## POTENTIAL APPLICATIONS





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## About Cleveland-Cliffs Inc.

Cleveland-Cliffs is the largest flat-rolled steel producer in North America. Founded in 1847 as a mine operator, Cliffs also is the largest manufacturer of iron ore pellets in North America. The Company is vertically integrated from mined raw materials and direct reduced iron to primary steelmaking and downstream finishing, stamping, tooling, and tubing. The Company serves a diverse range of markets due to its comprehensive offering of flat-rolled steel products and is the largest steel supplier to the automotive industry in North America. Headquartered in Cleveland, Ohio, Cleveland-Cliffs employs approximately 25,000 people across its mining, steel and downstream manufacturing operations in the United States and Canada.



### **CLEVELAND-CLIFFS INC.**

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All information in this brochure is for the purpose of information only. Cleveland-Cliffs reserves the right to change its product range at any time without prior notice.