

Crash Cushions

Product Name	Manufacturer	Model	Gating/ Non Gating
ABSORB 350	Barrier Systems, Inc.	TL-2, TL-3	Gating
ADIEM	Trinity Highway Products, LLC	TL-3	Non Gating
ACZ - 350 Anchorless Crash Cushion CZ System	Energy Absorption Systems, Inc.	TL-3	Gating
BRAKE MASTER-350	Energy Absorption Systems, Inc.	TL-3	Non Gating
CAT-350	Trinity Highway Products, LLC .	TL-3	Gating
COMPRESSOR	TraFFix Devices, Inc.	TL-3	Non Gating
Crash Guard CC-48 Sand Barrels	Plastic Safety Systems, Inc.	TL-2, TL-3	Gating
ENERGITE III System	Energy Absorption Systems, Inc.	TL-2, TL-3	Gating
Fitch Universal Modules - Sandfilled Barrels	Energy Absorption Systems, Inc.	TL-2, TL-3	Gating
Fitch Barrels	Energy Absorption Systems, Inc.	TL-2, TL-3	Gating
NEAT	Energy Absorption Systems, Inc.	TL-2	N/A
QUADGUARD System	Energy Absorption Systems, Inc.	3-bay, 6-bay	Non Gating
QUADGUARD Elite System	Energy Absorption Systems, Inc.	Wide, 11-bay	Non Gating
QUADGUARD Elite 8-bay System	Energy Absorption Systems, Inc.	8-bay	Non Gating
QUADGUARD, LMC System	Energy Absorption Systems, Inc.	11-bay	Non Gating
QUADGUARD, 10 Degree System	Energy Absorption Systems, Inc.	6-bay	Non Gating
QUADGUARD 69-90	Energy Absorption Systems, Inc.	6-bay	Non Gating
QUADGUARD 69-90, Elite	Energy Absorption Systems, Inc.	11-bay	Non Gating
QUADGUARD 69-90, LMC	Energy Absorption Systems, Inc.	Tapered / Flared, 11-bay	Non Gating
QUADGUARD II	Energy Absorption Systems, Inc.	2-bay, 5-bay	Non Gating
QUADGUARD II CZ on a plate	Energy Absorption Systems, Inc.	2-bay, 5-bay	Non Gating
QUADGUARD CZ	Energy Absorption Systems, Inc.	3-bay, 6-bay	Non Gating

QUADGUARD M10 (TL-3)	Energy Absorption Systems, Inc.	24-inch, 30-inch, 36-inch, 69-inch	Non Gating
QUEST	Energy Absorption Systems, Inc.	TL-3	Non Gating
REACT 350 - (60")	Energy Absorption Systems, Inc.	TL-3	Non Gating
REACT 350 - (96")	Energy Absorption Systems, Inc.	TL-3	Non Gating
REACT 350 - (120")	Energy Absorption Systems, Inc.	TL-3	Non Gating
REACT - 350	Energy Absorption Systems, Inc.	4-cyl, 6-cyl, 9-cylinder	Non Gating
SCI-70GM	SCI Products, Inc.	TL-2	Non Gating
SCI-100GM	SCI Products, Inc.	TL-3	Non Gating
SLED	TraFFix Devices, Inc.	TL-2, TL-3	Gating
UNIVERSAL TAU-II R (TL-2)	Barrier Systems, Inc.	30-inch, 60-inch	Non Gating
UNIVERSAL TAU-II R (TL-3)	Barrier Systems, Inc.	30-inch, 60-inch, 66-inch, 96-inch	Non Gating
UNIVERSAL TAU-II, (TL-2)	Barrier Systems, Inc.	30-inch, 60-inch	Non Gating
UNIVERSAL TAU-II, (TL-3)	Barrier Systems, Inc.	30-inch, 60-inch, 66-inch, 96-inch	Non Gating
TRACC – Modular Base	Trinity Highway Products, LLC	TL-3	N/A
2005 - TRACC™	Trinity Highway Products, LLC	TL-3	Non Gating
2005 Short TRACC	Trinity Highway Products, LLC	TL-2	Non Gating
2005 Wide TRACC	Trinity Highway Products, LLC	TL-3	Non Gating
TraFFix Barrels	TraFFix Devices, Inc.	TL-2, TL-3	Gating

Guardrail / End Treatments

Product Name	Manufacturer	Model	Gating / Non Gating
CAT-350	Trinity Highway Products, LLC	TL-3	Gating
ET-2000™ ***	Trinity Highway Products, LLC	TL-3	Gating
ET 2000 Plus***	Trinity Highway Products, LLC	TL-2, TL-3	Gating
ET Plus 31***	Trinity Highway Products, LLC	TL-3	Gating
FLEAT - MT	Roads Systems, Inc. (RSI)	TL-3	Gating
FLEAT and SKT-MGS	Roads Systems, Inc. (RSI)	TL-3	Gating
FLEAT 350	Roads Systems, Inc. (RSI)	TL-3	Gating
QUADTREND 350 System	Energy Absorption Systems, Inc.	TL-3	Gating
SKT 350	Roads Systems, Inc. (RSI)	TL-3	Gating

Soft-Stop Guardrail Terminal	Trinity Highway Products, LLC	TL-2, TL-3	Gating
SRT 27 SP	Trinity Highway Products, LLC	TL-3	Gating
SRT 31	Trinity Highway Products, LLC	TL-3	Gating
SRT 350	Trinity Highway Products, LLC	TL-3	Gating
SAFENCE Cable Guardrail (TL-3)	Impact Absorption Inc.	4-cable, 8.2-ft post spacing	N/A
Ironwood Guiderail Guardrail	Structures of Ironwood	TL-3	N/A
Steel Backed Timber Guardrail	Non Proprietary	Barrier Only	N/A
Merrit Parkway Guardrail	Non Proprietary	Barrier Only	N/A
X-Lite Guardrail Terminal	Barrier Systems, Inc.	TL-3	Gating
X-Tension Guardrail Terminal	Barrier Systems, Inc.	TL-3	Non Gating
31-inch X-Tension System	Barrier Systems, Inc.	TL-3	Non Gating
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Barriers			
Product Name	Manufacturer	Model	Gating/ Non Gating
ArmourGuard Steel Barrier Gate System	Barrier Systems, Inc.	TL-3	N/A
ArmourGuard Steel Barrier Link System	Barrier Systems, Inc.	TL-3	N/A
Barrier Gate	Energy Absorption Systems, Inc.	TL-3	N/A
Barrier Guard 800	Highway Care	N/A	N/A
Brifen Wire Rope Safety Fence System (TL-3)	Brifen U.S.A., Inc.	3-rope, 10.5-ft post spacing, 8-ft post spacing	N/A
Brifen Wire Rope Safety Fence System (TL-4)	Brifen U.S.A., Inc.	4-rope, 10.5-ft post spacing	N/A
Brifen Wire Rope Safety Fence System (TL-4)	Brifen U.S.A., Inc.	4-rope, 21-ft post spacing	N/A
Bullnose	Non Proprietary	TL-3	Non-Gating

CASS and Cable Terminal System (TL-3)	Trinity Highway Products, LLC	3-cable, 10-ft post spacing, 16-ft post spacing	N/A
CASS S3 4:1	Trinity Highway Products, LLC	3-cable, 10.5-ft post spacing	N/A
CASS TL-4 Cable Barrier System	Trinity Highway Products, LLC	3-cable, 20-ft post spacing	N/A
Concrete Reactive Tension System (CRTS)	Barrier Systems, Inc.	TL-3	N/A
Gibraltar Cable Barrier (TL-3)	Gibraltar Cable Barrier Systems, L.P.	3-cable, 15-ft post spacing, terminal not approved	N/A
Gibraltar Cable Barrier (TL-4)	Gibraltar Cable Barrier Systems, L.P.	4-cable, 14-ft post spacing, terminal not approved	N/A
GPLINK portable barrier railing - Technical Discription	Gunnar Prefab AB	TL-3	N/A
Guardian Safety Barrier	Armorcast Products, Co.	TL-2	N/A
Nucor Nu-Cable 4-Cable	Nucor Steel Marion, Inc.	TL-3, TL-4, terminal not approved	N/A
Safence II Median Barrier (TL-3)	Gregory Industries	4-cable, 8-ft-2-in post spacing	N/A
Safence II Median Barrier System Terminal	Gregory Industries	For Safence II or Safence Cable Guardrail	N/A
Steel Reactive Tension System (SRTS)	Barrier Systems, Inc.	TL-3	N/A
Stone Cast Highway Barrier	CME Associates, Inc.	TL-3	N/A
Three Cable Barrier	Non Proprietary	Low Tension	N/A
Low-Profile Concrete Road Barrier and End-Treatment	Non Proprietary, Licensed by Texas Transportation Institute	TL-2	N/A
Portable Concrete Barrier 60K	Non Proprietary	TL-3	N/A
ZoneGuard Standard and Minimum Deflection Systems	Hill and Smith, Inc.	TL-4, TL-3	N/A

Bridge Rails

Product Name	Manufacturer	Model	Gating/ Non Gating
Alaska Multi-State	Non Proprietary	TL-4	N/A
California ST-10 Bridge Railing	Non Proprietary	TL-4	N/A
Enhanced Visibility (Policy)	Non Proprietary	TL-4	N/A
NETC 4-Bar Sidewalk Mounted	Non Proprietary	TL-4	N/A
Type 80/80SW Concrete	Non Proprietary	TL-4	N/A

Truck Mounted Attenuators

Product Name	Manufacturer	Test Level * Allowable Vehicle Mass (lbs)	Truck Mounted (TMA) or Trailer Attenuator (TA)
Alpha 70K (TMA)	Energy Absorption Systems, Inc.	TL-2, 16,100 – 26,400	TMA
Alpha 100K (TMA)	Energy Absorption Systems, Inc.	TL-3, 16,100 – 26,400	TMA
MPS-350 - Truck Mounted Attenuator – (TMA)	Trinity Highway Products, LLC	TL-3, 16,100 – 21,000**	TMA
RENCO Rengard 815	Renco Inc., Texas	TL-2, 16,100 – 26,400	TMA
Safe-Stop Mounted Attenuator	Energy Absorption Systems, Inc.	TL-3, 16,100 – 21,000	TMA
Safe-Stop Trailer-Mounted Attenuator	Energy Absorption Systems, Inc.	TL-3, 16,100 – 54,000	TA
Safe-Stop 180 Truck Mounted Attenuator	Energy Absorption Systems, Inc.	TL-3, 16,100 – 54,000	TMA
Scorpion 10,000 A	TraFFix Devices, Inc.	TL-2, 16,100 – 26,400	TMA
Scorpion 10,000 B	TraFFix Devices, Inc.	TL-3, 16,100 – 54,000	TMA
Scorpion 10,000 C	TraFFix Devices, Inc.	TL-3, 16,100 – 54,000	TMA
Scorpion Trailer-Mounted Attenuator	TraFFix Devices, Inc.	TL-3, 16,100 – 54,000	TA

TTMA100 Trailer Mounted Attenuator (TMA)	Gregory Highway Products	TL-3, 16,100 – 54,000	TA
Vorteq Trailer Truck Mounted Attenuator (TMA)	Energy Absorption Systems, Inc.	TL-3, 16,100 – 54,000	TA
<i>* Installation and operation should be done per manufacturer's instruction</i>			
<i>** The support vehicle for the MPS 350 must not have a fuel tank mounted underneath within 10'-6" of rear of the support vehicle.</i>			
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Miscellaneous			
Product Name	Manufacturer	Model	Gating/ Non Gating
Amity Plastic Guardrail Post	Amity Plastics	Guardrail Post	N/A
DR46 Motorcycle Barrier Attenuator	Barrier Systems, Inc.	N/A	N/A
Ericsson Concrete Signpost Foundation	Ericsson Manufacturing	For Square Tabular Signposts	N/A
Hinged Breakaway Post™ (HBA)	Trinity Highway Products, LLC	Terminal Post	N/A
King King Block	Trinity Highway Products, LLC	Thrie Beam Block	N/A
Modified King Block	Trinity Highway Products, LLC	8-inch Guardrail Block	N/A
Mondo Block	Mondo Polymer Technologies	8-inch Guardrail Block	N/A
Mondo Block Model MGS14SH	Mondo Polymer Technologies	12-inch Guardrail Block	N/A
Mondo Blocks Models TB 215, TB21U	Mondo Polymer Technologies	Thrie Beam Block	N/A
O-Post	Trinity Industries, Inc.	Guardrail Post	N/A
P-Block	Monroeville Industrial Molding	8-inch Guardrail Block	N/A
P-Block MGS	Monroeville Industrial Molding	12-inch Guardrail Block	N/A
Pole-Safe Coupler	Transpo Industries, Inc.	Breakaway	N/A

Redi-Torque Slip Base System, Model 280	Xcessories Squared Development & Mfg., Inc.	Breakaway	N/A
Break-Safe Sign Support System	Transpo Industries, Inc.	N/A	N/A
Model B525 without Hinge Point	Transpo Industries, Inc.	N/A	N/A
Type B call box	N/A	N/A	N/A
Type F call box	N/A	N/A	N/A
V-Loc Sign & Mailbox Anchoring System	TAPCO	Breakaway	N/A
White Mountain Guardrail Posts & Block	Imperial Group	N/A	N/A

***Approval currently suspended

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