

PRODUCT SPECIFICATION SHEET

Product Name: Panduit PAN-STEEL® Self-Locking Stainless Steel Cable Ties

Specifications	
Material	Type 304 or 316 stainless steel
Temperature Range	-112° F (-80° C) to 1,000° F (538° C)
Water Absorption	none
Flammability	non-flammable
Ultraviolet Resistance	excellent
Chemical Resistance	excellent
Radiation Resistance	2 x 10 ⁸ rads
Loop Tensile Strength Range	200
Specifications	Standard AS23190/3 (formerly MIL-B-23190)
Warranty	Estimated outdoor service life of 40 years

Material Specifications Data Sheet

E=Excellent, S=Satisfactory, F=Fair, AQ C.S.=Aqueous Cold Saturated, All = % Concentrations

304 & 316 Stainless Steel	Chemical	%	304 & 316 Stainless Steel	Chemical	%	304 & 316 Stainless Steel	Chemical	%
E	Cider	0	E	Methyl Alcohol	100	E	Sodium Bisulfate	10
E	Diochloroethane	100	E	Methyl Chloride	100	E	Sodium Borate	All
E	Diethyl Ether	100	E	Methyl Ethyl Ketone	100	E	Sodium Carbonate	5
E	Ethyl Alcohol	100	E	Naphtha	100	E	Sodium Chlorate	25
E	Ethyl Chloride	100	E	Nitric Acid	30-70	E	Sodium Chloride	2
E	Ethyl Glycol	100	E	Nitrous Acid	5	E	Sodium Fluoride	5
S	Ferric Hydroxide	All	E	Oleic Acid	100	E	Sodium Hydroxide	10
E	Ferric Nitrate	10	E	Oxalic Acid	10	E	Sodium Hyposulfite	AQ C.S.
E	Ferrous Sulfate	10	E	Paraffin	100	E	Sodium Nitrate	5
E	Fuel Oil	100	E	Petroleum Ether	100	E	Sodium Nitrite	AQ C.S.
E	Furfural	100	E	Phenol	90	E	Sodium Perchlorate	10
E	Gallic Acid	AQ C.S.	E	Phosphoric Acid	10	E	Sodium Phosphate	5
E	Gasoline	100	E	Picric Acid	1	S	Sodium Sulfate	5
E	Glycerine	100	E	Potassium Bromide	AQ C.S.	S	Sodium Thiosulfate	5
E	Hydrocyanic Acid	All	E	Potassium Carbon- ate 1%	0.	E	Stearic Acid	100
E	Hydrogen Per- oxide	30	E	Potassium Chlorate	AQ C.S.	E	Sulfur	100
E	Hydrogen Sulfide	Dry	E	Potassium Dichro- mate	40	E	Sulfur Dioxide	All
F	Iodoform	100	E	Potassium Ferrocya- nide	25	E	Sulfuric Acid	100
E	Isopropyl Alco- hol	100	E	Potassium Hydrox- ide	5	E	Sulfuric Acid	5
O.	Jet Fuel	100	E	Potassium Iodide	All	E	Tannic Acid	10
F	Lactic Acid	100	E	Potassium Nitrate	50	E	Tartaric Acid	50
F	Lanolin	10	E	Potassium Perman- ganate	5	E	Tetrahydrofuran	100
F	Lead Acetate	5	E	Potassium Sulfate	5	E	Toluene	100
E	Magnesium Carbonate	All	E	Potassium Sulfide	AQ C.S.	E	Xylene	100
E	Magnesium Chloride	10	F	Propyl Alcohol	100	E	Zinc Chloride	70
E	Magnesium Nitrate	All	E	Silver Nitrate	10	E	Zinc Nitrate	AQ C.S.
E	Malic Acid	AQ C.S.	E	Sodium Acetate	60	E	Zinc Sulfate	AQ C.S.
E	Mercury	100	E	Sodium Bicarbon- ate	All	E	0.	0.