



TECHNICAL DATA SHEET

TDS No.	Date : 29/08/2020
1 NAME OF CUSTOMER :	NEXGEN COMPOSITE INDUSTRIES, BADDI (HIMACHAL PRADESH)
2 PRODUCT	Aluminium coil
3 END APPLICATION	Composite pipe
PRODUCT SPECIFICATIONS	Thickness - 0.18/0.20/0.25/0.30 etc (0.18mm to 0.30mm) Width - 48/52/64/82/102/124/155 etc. (48mm to 155mm)
4 ALLOY	3003 (IS-737:2008)
5 TEMPER	"O" (IS-737:2008)
6 CHEMICAL COMPOSITION	Si-0.6(Max), Fe-0.7 (Max), Cu- 0.05 - 0.2, Mn-1 - 1.5 , Mg- 0.1(Max) , Cr-trace , Zn- 0.1(Max) , Ti-trace , Al-Remainder
7 DIMENSIONS & TOLERANCE	
a) THICKNESS (mm)	0.18/0.20/0.25/0.30 etc (Tolrance : +/- 0.020)
b) WIDTH (mm)	48/52/64/82/102/124/155 etc. (Tolerance : +0.5 and - 0.0 i.e. No negative tolrance allowed)
c) Length (mm)	Joint free
d) Dia(mm) - FOR CIRCLE	N/A
8 COIL DIAMETER	
a) Internal Diameter of coil (mm)	152MM
b) Maximum Outer Diameter of coil (mm)	As per P.O.
9 a) Coil Weight (Min./Max)	AS PER P.O.
b) Coil Build up	Streight & should not be telescopic
10 TENSILE STRENGTH	100-135 Mpa (IS-737:2008)
11 Elongation	20 % (Min) (IS-737:2008)
12 Resistivity	N.A
13 Surface Finish	Free from any dent , Brown stain, corrosion mark & Waviness
14 Edges	"critical" edge burr should be less than 3 % of strip thickness
15 SPECIAL PACKING REQUIREMENTS	1. Eye to sky packing with poly interleaving 2. Pallet should be strong enough to handle ceiling lift 3. Individual pallet weight should not exceed 1.5 MT
16 SPECIAL REQUIREMENT	1. Edge burr should not be there because of critical edge welding application 2. Aluminium strip should have oil free surface 3. strip edge must be flat and free from any kind of waviness
For Nexgen Composite Industries	ACCEPTED
 (Authorised Signatory)	 R.N. Sahu GM(O)
Name & Designation of Customer Rep.	Name & Designation

Balraj Singh
Accountant.

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