

## DATA SHEET - POLYETHYLENE LD FOAM - TUFF PROFILES

Tuff Pad are coextruded round foams with a reinforced outer skin which offers various applications. Ideal to protect our kids while playing and climbing on playgrounds, trampolines or other game areas. Tuff Pad are always there to prevent injuries and crushes. They cover the complete metallic structure and provide a long term protection.

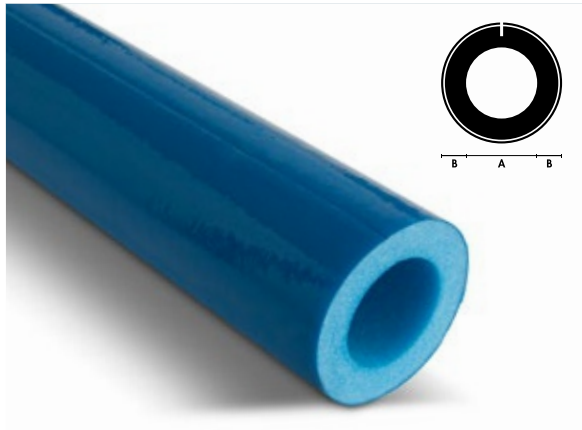
### PRODUCT FEATURES:

- › PE-LD foam / Outer skin PE-LD
  - › Supplied as lengths
  - › Water absorption < 1 – vol.% after 40 days
  - › Recyclable
- Closed cell PE-LD foam.
  - Continuously extruded.
  - CFC, HCFC – Free (ODP = 0) Production.
  - Water vapour transmission: less than 4g/m<sup>2</sup>/24h/50mm
  - Fume emission: very low toxic fume and smoke emission. Carbon dioxide and water vapour approx. 99% of combustion products.
  - Heat Shrinkage: after 96 hours at 80° C – less than 1%.
  - Ageing stability: no structural change after 10 thermal cycles from -70° C to 90 °C.
  - Water absorption; 0.5% volume after 40 day's (DIN53 495)
  - Temperature range: -45° C to 105 °C.
  - Density: Ave. 30kg/m<sup>3</sup>.
  - 100% recyclable PE-LD foam.
  - Physically neutral – does not rot.

- › Relatively UV resistant
- › Conform with norm EN 71-3
- › Pre-slit for easy use
- › Other colours available on request

### APPLICATIONS:

- › Playgrounds, kids playing areas and climbing frames
- › Scaffolding
- › Horse trailer – bar coating
- › Ski areas/ski lifts
- › Diverse



## PROTECT TUFF PAD

The UV resistant pre-slit profile for easy fixation.

**PACKAGING**  
Lengths in boxes

**LENGTH**  
2.480 mm  $\pm$ 40 mm

Type	Colour	A mm	B mm	Packaging unit m
52 - 17	orange	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	yellow	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	green	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	light brown	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	dark brown	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	silver	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	light green	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	ice blue	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	pink	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	violet	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	black	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	blue	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	red	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	cyan	52 $\pm$ 1	17 $\pm$ 1	66,96
52 - 17	purple	52 $\pm$ 1	17 $\pm$ 1	66,96

$\text{m}^3 / \text{box} = 0,60$ 
 $\text{box} = 2540 * 590 * 390 \text{ mm}$