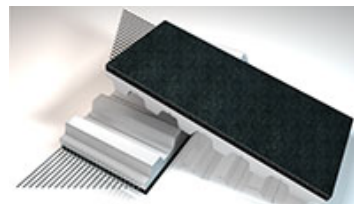


## NEW POROL PU FOAM SPECIFICATIONS

Megadyne has a new Porol PU Foam with a greater abrasion resistance.

Our new Porol qualities allow for conveying of very sensitive goods due to its enhanced properties.

A comparison of both versions of Porol is available below as well as the complete specification for the new compound.



	OLD POROL	NEW POROL
Density	100 – 120 kg/m <sup>3</sup>	290 +/- 30 kg/m <sup>3</sup>
Compression set	≤ 25% at 23°C Or ≤ 80% at 40°C	15% max
Compression - deflection at 25% compression	35 – 60 kPa	110 – 170 kPa
Density 00 shore - hardness	42 - 57	64 - 72

### NEW POROL SPECIFICATIONS

Type	CR103
Polymer	CR
Farbe	Black
ASTM d – 1045 – 00 classification	2C4/5
Impact resiliency [%]	50 min.
Conditioning shrinkage [% linear]	14 max.
Breaking strength [N/mm <sup>2</sup> ]	1,10 min.
Elongation at break [%]	200 min.
Standard bun mass +/- 5% [cm]	175 X 110
Standard bun strength +/- 5% [mm]	22

### NEOPRENE PROPERTIES:

Neoprene is a closed cell material based on rubber.

Its special mixture of different type of rubber as the base substance and numerous other components provides it with the following unique properties:

- high dynamic resistance
- good anti-aging properties
- tearproof and non-abrasive
- high tensile strength and impact resilience

NEW POROL IS ALSO AVAILABLE WITH SPECIAL COATING. AS FOR EXAMPLE WITH LYCRA FABRICS.

**CONTACT US FOR MORE INFORMATION**

