

# Flexane High Performance Brushable

Polyurethane based brushable compound which protects equipments & parts from impact, abrasive wear, shock, noise & corrosion. Increases operating life of processing equipment in aggressive industrial environment. It cures to medium hard rubber of 86 shore A hardness with excellent flexibility, tear & tensile strength & resistant in nature. It forms protective sound-deadening linings on new and in-service equipment.

## RECOMMENDED APPLICATIONS

- ▶ Top coating on gear boxes to stop oil leakage from parting plane, subject to vibration
- ▶ Wear resistant coating on pump impellers
- ▶ Repairing groove cuts/top cover wear on conveyor belting
- ▶ Lining for noise reduction
- ▶ Protective maintenance of ship propeller trailing
- ▶ Protecting ash handling pump collar
- ▶ Outer sheet of trailing cables



Before Application



After Application

## TYPICAL PROPERTIES

Mix ratio	(By Vol)	4:1
	(By wt)	4.55:1
Viscosity with hardener, (cps)		40,000
Specific volume, cm <sup>3</sup> /kg		938
Hardness, Shore A		86
Pot life in minutes @ 25°C		45
Demoulding time, hrs		16
Maximum operating temperature, °C	dry	82
	wet	49
Cure shrinkage, cm/cm ASTM D2566		0.23
Elongation, % ASTM D 412		600
Tensile strength, N/mm <sup>2</sup> ASTM D 412		24.2
Dielectric strength, kv/mm ASTM D 149		14
Tear resistance, N/mm ASTM D 624		70
Coverage m <sup>2</sup> /kg @ 1mm		0.938

## CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

Hydrochloric Acid, 10%	Fair
Sulphuric Acid, 10%	Fair
Ammonia	Very good
Sodium Hydroxide 10%	Very good
1-1-1 Trichloroethane	Poor

## ORDERING INFORMATION

Item	Unit Size	Stock No.
Flexane High Performance Brushable	500g	15350

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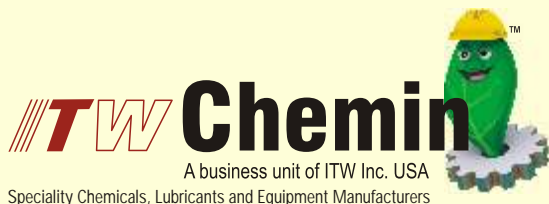
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